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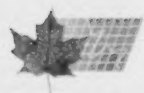
The Patent Office Record

La Gazette du Bureau des brevets



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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIP), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,883,524

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,883,524

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1782*
For each additional sheet over 30	\$20
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1782 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$268

6. Preliminary examination fee \$800
(Rule 58)

* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$268 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$402 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)) 268 \$

6. Taxe d'examen préliminaire 800 \$
(Règle 58)

* Les frais seront réduits de:

- 135 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 268 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 402 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business; on which ordinary mail is not delivered in the locality in which such Office or organization is situated; which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles; où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé; qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

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- 1) **Alberta**: 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia**: 1st Monday in August (British Columbia Day)
- 3) **New Brunswick**: 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia**: 1st Monday in August (Civic Holiday)
- 5) **Ontario**: 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
- 6) **Quebec**: June 24 (St. John the Baptist Day)
- 7) **Saskatchewan**: 1st Monday in August (Saskatchewan Day)
- 8) **Yukon**: 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

- 1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
- 5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
- 6) **Québec** : 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets* et de la *Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Industrie Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
3. Industrie Canada
151, rue Yonge, 4^e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered MailTM and XpresspostTM Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered MailTM and XpresspostTM services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered MailTM and XpresspostTM services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web](#) site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

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Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIIC est alors fermé au public.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

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national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits intégrés

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

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Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

Notices

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

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- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

Notices

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 22, 2016 contains applications open to public inspection from November 6, 2016 to November 12, 2016.

16. Demandes canadiennes mises à la disposition du public

La *Gazette du bureau des brevets* du 22 novembre 2016 contient les demandes disponibles au public pour consultation pour la période du 6 novembre 2016 au 12 novembre 2016.

Canadian Patents Issued

November 22, 2016

Brevets canadiens délivrés

22 novembre 2016

[11] 2,381,973
[13] C
[51] Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR GATHERING AND STANDARDIZING CUSTOMER PURCHASE INFORMATION FOR TARGET MARKETING
[54] SYSTEME ET PROCEDE PERMETTANT DE RASSEMBLER ET DE NORMALISER DES INFORMATIONS RELATIVES AUX ACHATS DE CONSOMMATEURS DESTINEES A UNE METHODE DE MARCHES-CIBLES
[72] ROTHMAN, MICHAEL J., US
[72] WITSIL, KATHLEEN H., US
[72] NANEK, DAVID W., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[73] BANK ONE, DELAWARE, NA, US
[73] JPMORGAN CHASE BANK, NA, US
[85] 2002-02-14
[86] 2000-08-16 (PCT/US2000/022319)
[87] (WO2001/013304)
[30] US (09/375,234) 1999-08-16

[11] 2,383,790
[13] C
[51] Int.Cl. C12Q 1/02 (2006.01) A61K 31/70 (2006.01) A61K 38/00 (2006.01) C07K 1/00 (2006.01) C07K 14/00 (2006.01) C07K 17/00 (2006.01) C12N 5/00 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
[25] EN
[54] TELOMERE RESTORATION AND EXTENSION OF CELL LIFE-SPAN IN ANIMALS CLONED FROM SENESCENT SOMATIC CELLS
[54] RESTAURATION DU TELOMERE ET EXTENSION DE LA DUREE DE VIE D'UNE CELLULE CHEZ LES ANIMAUX CLONES A PARTIR DE CELLULES SOMATIQUES SENESCENTES
[72] WEST, MICHAEL, US
[72] LANZA, ROBERT L., US
[72] CIBELLI, JOSE, US
[73] ADVANCED CELL TECHNOLOGY, INC., US
[85] 2002-03-01
[86] 2000-09-06 (PCT/US2000/024393)
[87] (WO2001/018236)
[30] US (60/152,340) 1999-09-07
[30] US (60/179,486) 2000-02-01
[30] US (09/527,026) 2000-03-16
[30] US (09/520,879) 2000-04-05

[11] 2,399,098
[13] C
[51] Int.Cl. A61K 38/48 (2006.01) A61K 47/46 (2006.01)
[25] EN
[54] PHARMACEUTICAL CARRIER COMPOSITION FOR PAPAYNE BASED PRODUCTS
[54] COMPOSITION COMPRENANT UN SUPPORT PHARMACEUTIQUE ET DESTINEE A DES PRODUITS A BASE DE PAPAINE
[72] RIBEIRO SANTANA, CRISTIANO ALBERTO, BR
[72] NUCCI, GILBERTO DE, BR
[72] FALCI, MARCIO, BR
[73] TOPIC EMPREENDIMENTOS E PARTICIPACOES S/C LTDA., BR
[85] 2002-08-02
[86] 2001-02-05 (PCT/BR2001/000012)
[87] (WO2001/056597)
[30] BR (PI 0413) 2000-02-04

[11] 2,402,225
[13] C
[51] Int.Cl. G06Q 50/10 (2012.01) G06Q 30/00 (2012.01)
[25] EN
[54] METHODS AND APPARATUS FOR CUSTOMIZING PET FOOD
[54] PROCEDES ET DISPOSITIFS POUR PERSONNALISER DES ALIMENTS POUR ANIMAUX DE COMPAGNIE
[72] SINGH, BHAIJMOHAN RICKY, US
[72] KALISHMAN, DIANE S., US
[72] SAUER, TERESA L., US
[72] STOLL, JILL, US
[73] NESTEC, LTD., CH
[85] 2002-09-09
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[87] (WO2001/069487)
[30] US (09/522,586) 2000-03-10

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November 22, 2016**

[11] 2,405,629
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR THE SURVEY AND GENETIC ANALYSIS OF POPULATIONS**
[54] **PROCEDES DESTINES A L'ETUDE ET A L'ANALYSE GENETIQUE DE POPULATIONS**
[72] ASHBY, MATTHEW, US
[73] TAXON BIOSCIENCES, INC., US
[85] 2002-10-09
[86] 2001-04-10 (PCT/US2001/011609)
[87] (WO2001/077392)
[30] US (60/196,063) 2000-04-10
[30] US (60/196,258) 2000-04-11

[11] 2,442,603
[13] C

[51] **Int.Cl. G06T 5/50 (2006.01) G06T 5/40 (2006.01)**
[25] EN
[54] **DIGITAL COMPOSITION OF A MOSAIC IMAGE**
[54] **COMPOSITION NUMERIQUE D'UNE IMAGE MOSAIQUE**
[72] SAED, ARYAN, CA
[73] ESPRESSIVO ACQUISITIONS LIMITED LIABILITY COMPANY, US
[86] (2442603)
[87] (2442603)
[22] 2003-10-01

[11] 2,449,618
[13] C

[51] **Int.Cl. H04J 13/16 (2011.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01)**
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[54] **METHOD AND APPARATUS FOR WALSH SPACE ASSIGNMENT IN A COMMUNICATION SYSTEM**
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[54] **PELLICULES D'EMBALLAGE COMPRENANT DES COUCHES DE POLYESTER ET DE NYLON OBTENUES PAR COEXTRUSION**
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[72] DESBIENS, MICHEL, CA
[72] TAHIRI, CHRISTOPHE LACROIX, CA
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- [54] **DISPOSITIF ELECTRONIQUE PORTATIF ET METHODE ASSOCIEE FOURNISSANT UNE FONCTION D'EDITION DE TEXTE PERFECTIONNEE DANS UN ENVIRONNEMENT DE DESAMBIGUISATION DE TEXTE**
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- [72] FUX, VADIM, CA
- [72] GRIFFIN, JASON T., CA
- [73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITION HERBICIDE COMPRENANT DU PINOXADEN ET UN ADJUVANT PHOSPHATE**
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[54] **SYSTEME DE REFROIDISSEMENT AMELIORE POUR TRANSFORMATEUR DE PUISSANCE**
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[86] (2669362)
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[22] 2009-06-17
[30] US (61/132,604) 2008-06-21
[30] US (12/381,184) 2009-03-09

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[54] **USE OF HYDROLYTIC AND OXIDATIVE ENZYMES TO DISSOLVE BIOFILM IN EARS**

[54] **UTILISATION D'ENZYMES HYDROLYTIQUES ET OXYDATIVES POUR DISSOUDRE UN BIOFILM DANS LES OREILLES**

[72] PELLICO, MICHAEL, US

[73] LACLEDE, INC., US

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[11] 2,670,974
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[51] **Int.Cl. G01V 11/00 (2006.01) G01V 1/52 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR LONG TERM SEISMIC MONITORING**

[54] **PROCEDE ET DISPOSITIF POUR LE SUIVI SISMIQUE A LONG TERME**

[72] KANAYA, YASUO, JP

[72] COSTE, EMMANUEL, JP

[72] WILSON, COLIN, JP

[72] LAVAURE, RACHEL AGNES, JP

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **PEPTIDE ET TRAITEMENT POUR UNE INFECTION PAR LE HIV-1**

[72] ZHANG, HUI, US

[72] SMITH, HAROLD C., US

[73] THOMAS JEFFERSON UNIVERSITY, US

[73] OYAGEN INC., US

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[54] **FASTENER DRIVING DEVICE WITH MODE SELECTOR AND TRIGGER INTERLOCK**

[54] **PISTOLET CLOUEUR AVEC SELECTEUR DE MODE A CRAN DE SURETE**

[72] PERRON, DONALD R., US

[72] ZERBARINI, PAUL J., US

[72] FANG, TOM, US

[72] JEYASINGH, VIVEK, US

[72] LEE, SEAN, TW

[73] STANLEY FASTENING SYSTEMS, L.P., US

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[54] **AN IMPROVED HIGH SURFACE AREA FIBER AND TEXTILES MADE FROM THE SAME**

[54] **FIBRE AMELIOREE DE GRANDE SURFACE ET TEXTILES FABRIQUES A PARTIR DE CELLE-CI**

[72] POURDEYHIIMI, BEHNAM, US

[72] CHAPPAS, WALTER, US

[73] ALLASSO INDUSTRIES, INC., US

[73] NORTH CAROLINA STATE UNIVERSITY, US

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[54] **SYSTEME DE PROTECTION PASSIVE CONTRE L'INCENDIE**

[72] JESCLARD, LAWRENCE L., JR., US

[72] JESCLARD, CANDICE J., US

[72] STRONG, A. BRENT, US

[72] SCHAALE, JOHN D., US

[73] HPS INTELLECTUAL PROPERTY, LLC, US

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[54] **ANTICORPS CONTRE LE CYTOMEGALOVIRUS HUMAIN (HCMV)**

[72] FUNARO, ADA, IT

[72] GRIBAUDO, GIORGIO, IT

[72] LANDOLFO, SANTO, IT

[73] RIBOVAX BIOTECHNOLOGIES SA, CH

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[54] **ENCLOSED DESORPTION ELECTROSPRAY IONIZATION**

[54] **DESORPTION-IONISATION PAR ELECTROSPRAY INTEGRE**

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[72] COOKS, ROBERT GRAHAM, US

[73] PURDUE RESEARCH FOUNDATION, US

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[25] EN

[54] **INSULATED DOUBLE-WALLED WELL COMPLETION TUBING FOR HIGH TEMPERATURE USE**

[54] **TIGES DE PRODUCTION POUR COMPLETION DE PUITS A DOUBLE PAROI ISOLEE, POUR USAGE A HAUTE TEMPERATURE**

[72] MARCHAL, PHILIPPE, FR

[72] OLLIER, PIERRE, FR

[73] MARCHAL, PHILIPPE, FR

[73] OLLIER, PIERRE, FR

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[54] **WIND TURBINE**

[54] **EOLIEENNE**

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[73] SIEMENS AKTIENGESELLSCHAFT, DE

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[25] EN

[54] **CONTINUOUS PRODUCTION OF TITANIUM BY THE METALLOTHERMIC REDUCTION OF TiCl₄**

[54] **PRODUCTION EN CONTINU DE TITANE PAR LA REDUCTION METALLOTHERMIQUE DE TiCl₄**

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[72] LOUTFY, RAOUF, US

[73] ATS MER, LLC, US

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[54] **SMALL WATERCRAFT BOATLIFT**

[54] **LEVE-BATEAU POUR PETITE EMBARCATION**

[72] IMEL, DUSTIN, US

[72] STURTEVANT, DAVID J., US

[73] E-Z-DOCK, INC., US

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[54] **KNIFE BAR FOR SURGICAL INSTRUMENT**

[54] **BARRE DE COUPE POUR INSTRUMENT CHIRURGICAL**

[72] FARASCONI, DAVID, US

[73] TYCO HEALTHCARE GROUP LP, US

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[54] **BATI POUR ROTOR EXTERNE ET ROTOR EXTERNE Y FAISANT APPEL**

[72] ZHANG, XU, CN

[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN

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[25] FR

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[54] **PROCEDE DE REGENERATION DE CATALYSEURS DE TRAITEMENT D'HYDROCARBURES**

[72] GALLIOU, PAULINE, FR

[72] NAGY, ERIC, FR

[72] DUFRESNE, PIERRE, FR

[73] EURECAT S.A., FR

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[54] **THE USE OF PDE7 INHIBITORS FOR THE TREATMENT OF MOVEMENT DISORDERS**

[54] **UTILISATION D'INHIBITEURS PDE7 DANS LE TRAITEMENT DES TROUBLES DU**

[72] BERGMANN, JOHN E., US

[72] CUTSHALL, NEIL S., US

[72] DEMOPULOS, GREGORY A., US

[72] FLORIO, VINCENT A., US

[72] GAITANARIS, GEORGE, US

[72] GRAY, PATRICK, US

[72] HOHMANN, JOHN, US

[72] ONRUST, RENE, US

[72] ZENG, HONGKUI, US

[73] OMEROS CORPORATION, US

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[25] EN

[54] **METHOD FOR EXCHANGING HEAT IN A VAPOR COMPRESSION HEAT TRANSFER SYSTEM AND A VAPOR COMPRESSION HEAT TRANSFER SYSTEM COMPRISING AN INTERMEDIATE HEAT EXCHANGER WITH A DUAL-ROW EVAPORATOR OR CONDENSER**

[54] **PROCEDE POUR L'ECHANGE DE CHALEUR DANS UN SYSTEME DE TRANSFERT DE CHALEUR A COMPRESSION DE VAPEUR ET SYSTEME DE TRANSFERT DE CHALEUR A COMPRESSION DE VAPEUR COMPRENANT UN ECHANGEUR DE CHALEUR INTERMEDIAIRE EN ASSOCIATION AVEC UN EVAPORATEUR OU CONDENSEUR DOUBLE FLUX**

[72] CLODIC, DENIS, FR

[72] RIACHI, YOUSSEF, FR

[72] KOBAN, MARY, US

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[51] Int.Cl. A61L 15/42 (2006.01) A61L 15/44 (2006.01) A61L 15/64 (2006.01) A61L 31/12 (2006.01) A61L 31/14 (2006.01)

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[54] **HEMOSTATIC IMPLANT**

[54] **IMPLANT HEMOSTATIQUE**

[72] BENNETT, STEVEN, US

[73] TYCO HEALTHCARE GROUP LP, US

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[54] **IMPROVEMENTS IN OR IN RELATION TO POOL CLEANERS**

[54] **AMELIORATIONS APORTEES AUX APPAREILS DE NETTOYAGE POUR PISCINES**

[72] KELLOGG, JAMES EDWARD, AU

[73] POOL SYSTEMS PTY LTD, AU

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[54] **METHODES DE TRAITEMENT A L'AIDE D'UN FACTEUR G-CSF GLYCOPEGYLE**

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[72] LUBENAU, HEINZ, DE

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[54] **ARRANGEMENT FOR COOLING OF AN ELECTRICAL MACHINE**

[54] **MONTAGE DE REFROIDISSEMENT DE MACHINE ELECTRIQUE**

[72] BOOTH, JAMES KENNETH, DK

[72] ERIKSEN, UFFE, DK

[73] SIEMENS AKTIENGESellschaft, DE

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[54] **METHOD OF MANUFACTURING REFINER, AND REFINER**
[54] **PROCEDE DE FABRICATION DE RAFFINEUR, ET RAFFINEUR**
[72] VUORIO, PETTERI, FI
[72] SEPPALA, VEIKKO, FI
[72] TUOVINEN, OLLI, FI
[73] VALMET TECHNOLOGIES, INC., FI
[86] (2684191)
[87] (2684191)
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[54] **IMPLANTS INTEREPINEUX ET LEURS PROCEDES D'IMPLANTATION**
[72] HESS, HAROLD, US
[73] SPINAL SIMPLICITY LLC, US
[85] 2009-10-29
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[30] US (11/743,086) 2007-05-01
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[30] US (61/000,831) 2007-10-29
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[25] EN
[54] **FILL PACK ASSEMBLY AND METHOD WITH BONDED SHEET PAIRS**
[54] **UNITE ET METHODE DE GARNISSAGE ET D'ASSEMBLAGE A PARTIR DE PAIRES DE TOLE**
[72] MOCKRY, ELTON F., US
[72] KINNEY, OHLER L., US
[72] MORTENSEN, KENNETH P., US
[72] BRENNEKE, GLENN S., US
[73] SPX COOLING TECHNOLOGIES, INC., US
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[25] EN
[54] **METHOD OF ACTIVATING OR REGENERATING A HYDROGEN STORAGE MATERIAL**
[54] **METHODE D'ACTIVATION OU DE REGENERATION DE MATIERE DE STOCKAGE D'HYDROGENE**
[72] BARKHORDARIAN, GAGIK, DE
[72] PISTIDDA, CLAUDIO, DE
[72] DORNHEIM, MARTIN, DE
[72] BORMANN, RUEDIGER, DE
[73] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL-UND KUSTENFORSCHUNG GMBH, DE
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[25] EN
[54] **FRAMEWORK AND METHOD FOR MONITORING EQUIPMENT**
[54] **OSSATURE ET PROCEDE POUR SURVEILLER UN EQUIPEMENT**
[72] COTTRELL, MICHAEL EDWARD, GB
[72] INNES, KENNETH JOHN, GB
[72] KONG, JAMES PO-CHEUNG, US
[72] LICKTEIG, CHARLES ANTHONY, US
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[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[72] XAVIER, STAN, CA
[73] INBAY TECHNOLOGIES INC., CA
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[54] **PROTHESE DE NOYAU**
[72] VILA, THIERRY, FR
[72] DUFOUR, HENRY, FR
[72] ALLAIN, JEROME, FR
[73] LDR MEDICAL, FR
[85] 2009-12-07
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[54] **NON-ZEOLITE BASE METAL SCR CATALYST**
[54] **CATALYSEUR METALLIQUE NON ZEOLITHIQUE POUR REDUCTION CATALYTIQUE SELECTIVE**
[72] COLLIER, JILLIAN ELAINE, GB
[72] LAROZE, SYLVIE CECILE, GB
[72] RAJARAM, RAJ RAO, GB
[72] PREST, DAVID WILLIAM, GB
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2009-12-24
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[30] GB (0712228.6) 2007-06-25

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[54] **DUPLEXEUR A INTEGRER DANS DES TERMINAUX DE RESEAU**
[72] KOUKI, AMMAR, CA
[72] EL-ZAYAT, AHMED, CA
[73] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[86] (2692051)
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[25] EN
[54] **COMPOSITION FOR THE DIAGNOSIS, PREVENTION OR TREATMENT OF DISEASES RELATED TO CELLS EXPRESSING IL-8 OR GRO-ALPHA, COMPRISING UCB-MSCS**
[54] **COMPOSITION POUR LE DIAGNOSTIC, LA PREVENTION OU LE TRAITEMENT DE MALADIES LIEES A L'EXPRESSION IL-8 OU GRO-ALPHA DE CELLULES, COMPRENANT DES CELLULES SOUCHES MESENCHYMATEUSES UCB**

[72] CHANG, JONG WOOK, KR
[72] KIM, DAL SOO, KR
[72] YANG, YOON SUN, KR
[72] OH, WON IL, KR
[73] MEDIPOST CO., LTD, KR
[85] 2009-12-21
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[30] US (60/972,966) 2007-09-17
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[13] C

[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/08 (2006.01) A61L 27/24 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **COMPOSITE IMPLANT FOR SURGICAL REPAIR**
[54] **IMPLANT COMPOSITE POUR PREPARATION CHIRURGICALE**
[72] BRUNELLE, JOHN, US
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- [72] MOHAN, RAJU, US
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- [72] DELLACQUA, DALE, US
- [72] FARRIS, JEFFREY A., US
- [73] DEL PALMA ORTHOPEDICS, LLC, US
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- [73] VERDERG LIMITED, GB
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- [73] DOW GLOBAL TECHNOLOGIES LLC, US
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[72] BAECKER, WERNER, DE
[72] FELLER, ROLF, DE
[72] WAGNER, PAUL, DE
[72] LOVEGROVE, JOHN, CA
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[72] CAHILL, JULIE KAY, GB
[72] FASTNACHT, KATJA MAREN, DE
[72] LIEPOLD, BERND HARALD, DE
[72] LENNON, KIERAN JAMES, GB
[72] STEITZ, BENEDIKT, DE
[73] ASTRAZENECA UK LIMITED, GB
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[72] LASCOTTE, KEITH G., US
[72] KILLEEN, YVONNE M., US
[72] LENTSCH, STEVEN E., US
[73] ECOLAB INC., US
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[72] HUMPHREYS, LEN, AU
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[73] LICELLA FIBRE FUELS PTY LTD, AU
[73] IGNITE RESOURCES PTY LTD, AU
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[73] OXITEC LIMITED, GB
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[72] BEAUCHAMP, PHILIP PAUL, US
[72] MARSCHKE, DEAN DAVID, US
[72] ERNO, DANIEL JASON, US
[72] CUEMAN, MICHAEL KENT, US
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[72] SCHEPENS, WIM BERT GRIET, BE

[72] HACHE, GEERWIN YVONNE PAUL, BE

[72] HALLENBERGER, BEATE SABINE, DE

[72] SASAKI, JENNIFER CHIYOMI, US

[72] BAUMEISTER, JUDITH EVA, BE

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[54] **CONNECTEUR TISSULAIRE IMPLANTABLE**

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[73] MILUX HOLDING S.A., LU

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[54] **SYSTEME PERMETTANT DE TRAITER UN PATIENT PRESENTANT UN TROUBLE INTESTINAL**

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[72] MILADI, LOTFI, FR

[73] EUROS, FR

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[54] **SYSTEME ET METHODE DE STIMULATION NERVEUSE FACIALE**

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[72] MULLER, ANDREAS, DE

[72] LINDENTHALER, WERNER, AT

[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT

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[72] TIETJEN, KAI, DE

[72] SCHNEIDER, CORY, US

[72] HANDLOS, WILLIAM, US

[72] BACH, GARY M., US

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[54] **APPAREIL ET PROCEDE POUR SUPPORTER UN FILTRE A MEMBRANE DANS UNE PERFUSION MEDICALE**

[72] BALESTRACCI, ERNEST, US

[73] BRACCO DIAGNOSTICS INC., US

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[72] PICKETT, NIGEL, GB

[72] MCCAIRN, MARK CHRISTOPHER, GB

[72] DANIELS, STEVEN MATTHEW, GB

[72] MUSHTAQ, IMRANA, GB

[72] GLARVEY, PAUL, GB

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[72] PRIEST, MARTIN DOUGLAS, GB

[72] NEEDHAM, JOHN WILLIAM, GB

[72] SEWELL, DAVID JOHN, GB

[72] MCTAGGART, ANDREW, GB

[72] POCHIN, GREGORY JAMES, GB

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[72] LAW, DAVID JOHN, GB

[72] SUNLEY, JOHN GLENN, GB

[73] BP CHEMICALS LIMITED, GB

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[54] METHOD AND APPARATUS FOR SEWAGE GRIT REMOVAL

[54] METHODE ET APPAREIL D'ELIMINATION DES GRAVILLONS DANS LES EAUX USEES

[72] ESSEMIANI, KARIM, US

[72] BELIVEAU, MARC, CA

[72] BRUNEAU, MICHEL, CA

[72] COUTURE, MARTIN, CA

[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR

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[72] MA, JIANGLEI, CA

[72] ZHANG, HANG, CA

[72] JIA, MING, CA

[72] ZHU, PEIYING, CA

[72] TEE, LAI KING, US

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[73] LENNOX INDUSTRIES INC., US

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[54] **IMMUNOTHERAPIE ET VACCINS PERFECTIONNES**

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[72] KIM, JONG J., US

[72] WANG, BIN, CN

[72] BOYER, JEAN D., US

[72] AYYAVOO, VELPANDI, US

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[54] **PROCEDE DE CONTROLE DE L'ETANCHEITE D'UNE PILE DE CELLULES A COMBUSTIBLE**

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[72] WIDT, RUDI, DE

[73] INFICON GMBH, DE

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[54] **CLADDING SYSTEM WITH EXPRESSED JOINT**

[54] **SYSTEME DE PAREMENT AVEC JOINT MARQUE**

[72] SOUTHWELL, DARREN, AU

[73] JAMES HARDIE TECHNOLOGY LIMITED, IE

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[54] **APPAREIL HUMIDIFICATEUR**

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[72] DYSON, JAMES, GB

[73] DYSON TECHNOLOGY LIMITED, GB

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[54] **SYSTEM AND METHOD FOR RELAY NODE SELECTION**

[54] **SYSTEME ET PROCEDE POUR LA SELECTION D'UN NOEUD RELAIS**

[72] WOMACK, JAMES, EARL, US

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[72] CAI, ZHIJUN, US

[73] BLACKBERRY LIMITED, CA

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[72] OSIER, SAMUEL W., US

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[54] **COMPOSITION COMPRENANT (-)-TRANS-3-(5,6-DIHYDRO-4H-PYRROLO [3,2,1-LJ] QUINOLIN-1-YL)-4-(1H-INDOL-3-YL) PYRROLIDINE-2, 5-DIONE EN COMBINAISON AVEC UN DEUXIEME AGENT ANTI-PROLIFERATIF**
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[54] PROCEDE DE SEPARATION DE LIPIDES NEUTRES ET POLAIRES ET D'UNE HUILE RICHE EN LIPIDES POLAIRES
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ONE ROTIGOTINE SALT AND
USES THEREOF**
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PHARMACEUTIQUE D'AU MOINS
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[54] **COMPOSITES POLYMERES RENFORCES PAR FIBRES, DURCIS PAR PARTICULES**

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[54] **COMPOSITIONS ET PROCEDES POUR UNE SEPARATION SPATIALE ET UN CRIBLAGE DE CELLULES**

[72] LOVE, J. CHRISTOPHER, US

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[73] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US

[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

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[54] **METHOD OF RECONSTITUTING CELLULAR SPECTRA USEFUL FOR DETECTING CELLULAR DISORDERS**

[54] **PROCEDE DE RECONSTITUTION DE SPECTRES CELLULAIRES UTILES POUR DETECTER DES DESORDRES CELLULAIRES**

[72] DIEM, MAX, US

[72] MILJKOVIC, MILOS, US

[72] ROMEO, MELISSA, US

[72] BIRD, BENJAMIN, US

[72] SCHUBERT, JENNIFER, US

[72] PAPAMARKAKIS, KOSTAS, US

[73] NORTHEASTERN UNIVERSITY, US

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[54] **PUMP WITH DISC-SHAPED CAVITY**

[54] **POMPE A CAVITE EN FORME DE DISQUE**

[72] BUCKLAND, JUSTIN RORKE, GB

[72] HATFIELD, STUART ANDREW, GB

[72] MCCRONE, JAMES EDWARD, GB

[72] JANSE VAN RENSBURG, RICHARD, GB

[73] THE TECHNOLOGY PARTNERSHIP PLC, GB

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[54] **BISPECIFIC, TETRAVALENT ANTIGEN BINDING PROTEINS**

[54] **PROTEINES BISPECIFIQUES SE LIANT A UN ANTIGENE TETRAVALENT**

[72] IMHOF-JUNG, SABINE, DE

[72] KLEIN, CHRISTIAN, CH

[72] REGULA, JOERG THOMAS, DE

[72] SCHAEFER, WOLFGANG, DE

[72] SCHANZER, JUERGEN MICHAEL, DE

[73] F. HOFFMANN-LA ROCHE AG, CH

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[54] **IMPROVEMENTS IN COMPOSITE MATERIALS**

[54] **AMELIORATIONS APPORTEES A DES MATERIAUX COMPOSITES**

[72] ELLIS, JOHN, GB

[72] FISSET, EMILIE, GB

[72] TILBROOK, DAVID, GB

[72] MACKENZIE, PAUL, GB

[73] HEXCEL COMPOSITES LIMITED, GB

[85] 2011-12-05

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[54] **MOVABLE OBJECT PROXIMITY WARNING SYSTEM**

[54] **SYSTEME D'AVERTISSEMENT DE PROXIMITE D'OBJET MOBILE**

[72] ROTHACHER, URS MARTIN, CH

[72] STEGMAIER, PETER ARNOLD, CH

[73] SAFEMINE AG, CH

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[54] **COMPOSITION FOR TREATING AND/OR PREVENTING FIRE BLIGHT**

[54] **COMPOSITIONS ET PROCEDE DE PREVENTION ET DE TRAITEMENT DU FEU BACTERIEN**

[72] ABELE, ULF, DE

[72] SIEBENLIST, HANS, DE

[73] CHEVITA TIERARZNEIMITTEL GMBH, DE

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[54] **METHOD FOR MAKING BRIQUETTES FROM COMMUNUTED STRAW AND A DEVICE TO PRODUCE BRIQUETTES**

[54] **PROCEDE DE FABRICATION DE BRIQUETTES A PARTIR DE PAILLE BROYEE ET DISPOSITIF DE PRODUCTION DE BRIQUETTES**

[72] JUNCZYK, ADAM PIOTR, PL

[73] JUNCZYK, ADAM PIOTR, PL

[85] 2011-12-14

[86] 2010-06-18 (PCT/PL2010/000049)

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[25] EN

[54] **METHOD FOR PRODUCING SHEETS FROM RENEWABLE RAW MATERIALS IN AN ENDLESS PROCESS AND A SHEET OF RENEWABLE RAW MATERIALS**

[54] **PROCEDE DE FABRICATION DE PLAQUES A BASE DE MATIERES PREMIERES RENOUVELABLES PAR LE PROCEDE CONTINU ET PLAQUE A BASE DE MATIERES PREMIERES RENOUVELABLES**

[72] LOSEHAND, CHRISTIAN, DE

[73] STROHLOS PRODUKTENTWICKLUNG KG, DE

[85] 2011-12-20

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[54] **IMPROVED CONTAINER LABELS**

[54] **ETIQUETTES DE CONTENANT AMELIOREES**

[72] NEWMAN, LINDA, US

[72] HAPP, VENUS, US

[72] HAPP, JIM, US

[72] MOULTON, TOM, US

[73] LABCON, NORTH AMERICA, US

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[54] **THERAPEUTIC COMPOUNDS AND COMPOSITIONS**

[54] **COMPOSES ET COMPOSITIONS THERAPEUTIQUES**

[72] SAUNDERS, JEFFREY O., US

[72] SALITURO, FRANCESCO G., US

[72] YAN, SHUNQI, US

[73] AGIOS PHARMACEUTICALS, INC., US

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[54] **SECURITY ELEMENTS AND METHODS OF MANUFACTURE**

[54] **ELEMENTS DE SECURITE ET PROCEDES DE FABRICATION**

[72] GREEN, STEPHEN BANISTER, GB

[73] DE LA RUE INTERNATIONAL LIMITED, GB

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[54] **INDUCTIVE DISTANCE SENSOR**

[54] **CAPTEUR DE DISTANCE INDUCTIF**

[72] TRUNK, LOTHAR, DE

[72] HETEFUSS, NORBERT, DE

[72] HOUP, ALAN LOWELL, DE

[73] DIEHL AEROSPACE GMBH, DE

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[54] **DEVICES AND METHODS FOR DRESSING APPLICATORS**

[54] **DISPOSITIFS ET PROCEDES POUR APPLICATEURS DE PANSEMENT**

[72] ZEPEDA, JOHN A., US

[72] JACKSON, JASPER, US

[72] FOLLMER, BRETT A., US

[72] DOUD, DARREN G., US

[72] BEASLEY, WILLIAM R., US

[72] YOCK, PAUL, US

[73] NEODYNE BIOSCIENCES, INC., US

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[54] **BONDED PATCHES WITH BOND LINE CONTROL**

[54] **PIECES COLLEES AVEC CONTROLE DE LIGNE DE COLLAGE**

[72] BLANCHARD, STEVE, US

[72] AKDENIZ, AYDIN, US

[72] SPALDING, JOHN, US

[72] ANDERSON, DAVID M., US

[72] EVENS, MICHAEL W., US

[73] THE BOEING COMPANY, US

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[54] **IMIDAZOLINE-BASED FOAMERS FOR DOWNHOLE INJECTION**

[54] **AGENTS MOUSSANTS A BASE D'IMIDAZOLINE DESTINES A L'INJECTION EN FOND DE TROU**

[72] NGUYEN, DUY T., US

[72] MEYER, G. RICHARD, US

[73] NALCO COMPANY, US

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[51] **Int.Cl. H02J 13/00 (2006.01) H04L 9/32 (2006.01) H04L 12/28 (2006.01) H04L 12/58 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR RE-COMMISSIONING A CONTROLLED DEVICE IN A HOME AREA NETWORK**

[54] **SYSTEMES ET PROCEDES POUR OPTIMISER UN DISPOSITIF COMMANDE DANS UN RESEAU DOMESTIQUE**

[72] NAGEL, PAUL E., US

[72] WEST, WILLIAM B., US

[73] CONTROL4 CORPORATION, US

[85] 2012-02-16

[86] 2010-08-18 (PCT/US2010/045918)

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[25] EN

[54] **BEVERAGE DISPENSING SYSTEM AND METHOD HAVING HEAD CAPABLE OF DISPENSING PLURAL DIFFERENT BEVERAGES**

[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE BOISSONS PRESENTANT UNE TETE CAPABLE DE DISTRIBUER DIFFERENTES BOISSONS**

[72] BETHUY, TIMOTHY W., US

[72] BLACK, WILLIAM J., US

[72] CAHILL, BRIAN T., US

[72] SCHILLING, RONALD D., US

[72] NEBBIA, FABIO, IT

[72] PERUCCA, GIOVANNI, IT

[72] NOVONTY, PAUL, US

[73] PEPSICO, INC., US

[86] (2771717)

[87] (2771717)

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[30] US (11/118,535) 2005-04-29

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[25] EN

[54] **ADMINISTRATION OF AN ADBORBENT POLYMER FOR TREATMENT OF SYSTEMIC INFLAMMATION**

[54] **ADMINISTRATION D'UN POLYMERE ADSORBANT POUR LE TRAITEMENT D'UNE INFLAMMATION SYSTEMIQUE**

[72] KELLUM, JOHN A., US

[72] FINK, MITCHELL P., US

[73] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US

[85] 2012-02-23

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[54] **ARRANGEMENT AND METHOD FOR STORING THERMAL ENERGY**

[54] **AGENCEMENT ET PROCEDE DE STOCKAGE DE L'ENERGIE THERMIQUE**

[72] PILEBRO, HANS, SE

[72] ANDERSSON, HAKAN EG, SE

[73] SKANSKA SVERIGE AB, SE

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[54] **ADD-ON VEHICLE SEATING ASSEMBLY**

[54] **ENSEMBLE SIEGE AMOVIBLE POUR VEHICULE**

[72] OTTA, GEORGE, CA

[73] TAILBREAKER CORP, CA

[86] (2772812)

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[22] 2012-03-23

[11] 2,773,127
[13] C

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[54] **CATHODE SHELL STRUCTURE**

[54] **STRUCTURE D'ENVELOPPE DE CATHODE**

[72] EICK, INGO, DE

[72] KROSCHINSKI, DIRK, DE

[73] NORSK HYDRO ASA, NO

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[30] NO (20092968) 2009-09-07

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/66 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD TO PRESERVE DIALOGS IN CLUSTERED ENVIRONMENTS IN CASE OF NODE FAILURE**

[54] **SYSTEME ET METHODE POUR PRESERVER LES DIALOGUES DANS DES ENVIRONNEMENTS DE GRAPPES EN CAS D'INCIDENT DE NOEUD**

[72] ROZINOV, BORIS, CA

[72] JOHN CHUAN, MEE TCHIN JANE, CA

[72] KRAMARENKO, VALENTINA IQOREVNA, CA

[72] PANG, SWEE TUAN, CA

[73] BLACKBERRY LIMITED, CA

[86] (2773333)

[87] (2773333)

[22] 2012-04-05

[30] US (61/472,007) 2011-04-05

[30] US (61/472,525) 2011-04-06

[30] US (61/471,941) 2011-04-05

[30] US (61/471,952) 2011-04-05

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[13] C

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[54] **CATHODE FOR ELECTROLYTIC PROCESSES**

[54] **CATHODE POUR PROCEDES ELECTROLYTIQUES**

[72] ANTOZZI, ANTONIO LORENZO, IT

[72] BRICHESI, MARIANNA, IT

[72] CALDERARA, ALICE, IT

[73] INDUSTRIE DE NORA S.P.A., IT

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[54] **CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES**

[54] **GESTION CENTRALISEE D'APPLICATIONS LOGICIELLES DE VEHICULE MOTORISE ET DE SERVICES**

[72] MOINZADEH, KAMYAR, US

[72] HONG, LEON L., US

[72] ZHAO, LEE, US

[73] AIRBIQUITY INC., US

[85] 2012-03-13

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[30] US (61/260,781) 2009-11-12

[30] US (12/729,207) 2010-03-22

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[54] **MULTI-WEAPONS SYSTEM**

[54] **SYSTEME D'ARMEMENT MULTIPLE**

[72] KARAKOOKLY, YUVAL, IL

[73] ISRAEL MILITARY INDUSTRIES LTD., IL

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[87] (WO2011/033514)

[30] IL (201051) 2009-09-17

[11] 2,774,838
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[51] Int.Cl. H01L 33/50 (2010.01) C09K 11/02 (2006.01) C09K 11/56 (2006.01) C09K 11/70 (2006.01) C09K 11/88 (2006.01)

[25] EN

[54] **ENCAPSULATED SEMICONDUCTOR NANOPARTICLE - BASED MATERIALS COMPRISING AN ADDITIVE**

[54] **MATERIAUX A BASE DE NANOPARTICULES SEMI-CONDUCTRICES**

[72] PICKETT, NIGEL, GB

[72] NAASANI, IMAD, GB

[72] HARRIS, JAMES, GB

[73] NANOCO TECHNOLOGIES LTD, GB

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[54] **HIGH-YIELD ANTIBIOTICS PRODUCING FUNGUS STRAIN, PREPARATION METHOD AND USE THEREOF**

[54] **SOUCHE DE CHAMPIGNON PRODUCTRICE D'ANTIBIOTIQUES A RENDEMENT ELEVE, SON PROCEDE DE PREPARATION ET SON UTILISATION**

[72] XU, JING, CN

[72] CHEN, YI, CN

[72] JI, XIAOMING, CN

[72] GAO, XIAOLIANG, CN

[72] LIU, SHIDONG, CN

[72] ZHANG, ZHAOLI, CN

[73] SHANGHAI TEHWELL BIOPHARMACEUTICAL CO., LTD., CN

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[86] 2009-09-28 (PCT/CN2009/074271)

[87] (WO2011/035492)

[30] CN (200910196286.4) 2009-09-24

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[13] C

[51] Int.Cl. D04H 3/04 (2012.01) D04H 3/14 (2012.01)

[25] EN

[54] **OPEN MESH MATERIAL AND BAGS MADE THEREFROM**

[54] **MATERIAU A MAILLES OUVERTES ET SACS QUI EN SONT CONSTITUES**

[72] FREI, ROBERT, US

[72] HEFNER, CORBETT, US

[72] LANDERTSHAMER, FRIEDRICH, AT

[72] MUELLER, ALAN, US

[73] VOLM COMPANIES, INC., US

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[30] US (61/303,290) 2010-02-10

[30] US (61/305,003) 2010-02-16

[30] US (61/326,069) 2010-04-20

[11] 2,776,227
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[54] **CONDUCTOR COVER APPLICATOR**

[54] **APPLICATEUR DE COUVRE-CONDUCTEUR**

[72] NILES, MARTIN S., CA

[72] MORIN, LEO, CA

[72] YEATS, KEITH L., CA

[72] NISSEN, ROBERT A., CA

[73] CANTEGA TECHNOLOGIES INC., CA

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[54] **THERMALLY CONTROLLED COFFEE GRINDER**
[54] **MOULIN A CAFE A CONTROLE THERMIQUE**
[72] BRESCIANI, ROBERTO, US
[73] WHOLESALE MANUFACTURER REPRESENTATIVES INC., US
[86] (2776490)
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[22] 2012-05-08
[30] US (61/483,845) 2011-05-09
[30] US (13/411,488) 2012-03-02

[11] 2,777,209
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[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/551 (2006.01) A61K 31/5513 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07D 471/14 (2006.01) C07D 471/22 (2006.01) C07D 491/147 (2006.01) C07D 491/22 (2006.01)
[25] EN
[54] **TRICYCLIC AND TETRACYCLIC SYSTEMS WITH ACTIVITY ON THE CENTRAL-NERVOUS AND VASCULAR SYSTEMS**
[54] **SYSTEMES TRICYCLIQUES ET TETRACYCLIQUES A ACTIVITE SUR LE SYSTEME NERVEUX CENTRAL ET VASCULAIRE**
[72] VERDECIA REYES, YAMILA, CU
[72] OCHOA RODRIGUEZ, ESTAEL, CU
[72] RUIZ REYES, ALBERTO, CU
[72] NUNEZ FIGUEREDO, YANIER, CU
[72] CARILLO DOMINGUEZ, CARMEN, CU
[72] TACORONTE MORALES, JUAN ENRIQUE, CU
[72] ALBA GUTIERREZ, LIVAN LAZARO, CU
[72] PARDO ANDREU, GILBERTO LAZARO, CU
[73] CENTRO DE INVESTIGACION Y DESARROLLO DE MEDICAMENTOS (CIDEM), CU
[73] LABORATORIO DE SINTESIS ORGANICA DE LA FACULTAD DE QUIMICA DE LA UNIVERSIDAD DE LA HABANA, CU
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[72] BLASHILL, JAMES ROGER, CA
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[54] **SOURCE D'ALIMENTATION CONTINUE POUR UN APPAREIL ELECTRIQUE A HAUTE TENSION**
[72] PAPASTERGIOU, KONSTANTINOS, SE
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[54] **METHODE ET APPAREIL DE FABRICATION DE BANDES RIGIDES PROFILEES EN COMPOSITE DE CALIBRE VARIABLE**
[72] ROTTER, DANIEL M., US
[72] CHAPMAN, MICHAEL R., US
[72] COXON, BRAD A., US
[72] NELSON, PAUL E., US
[73] THE BOEING COMPANY, US
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[54] **UNITE NOEUD ADRESSABLE ET PROCEDE D'ADRESSAGE**
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[72] HAMMER, WALTER, CH
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[54] **MULTIFUNCTIONAL ADDITIVES IN ENGINEERING THERMOPLASTICS**
[54] **ADDITIFS POLYVALENTS DESTINES A L'INDUSTRIE DES THERMOPLASTIQUES**
[72] MCGRATH, PATRICK TERENCE, GB
[72] CROSS, PAUL MARK, GB
[72] PRICE, RICHARD THOMAS, US
[72] PONSOLLE, DOMINIQUE, US
[73] CYTEC TECHNOLOGY CORP., US
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[54] **PLANT DISEASE CONTROL COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASE BY APPLYING THE SAME**
[54] **COMPOSITION PERMETTANT DE LUTTER CONTRE DES MALADIES VEGETALES ET PROCEDE DE LUTTE CONTRE DES MALADIES VEGETALES PAR APPLICATION DE LA COMPOSITION**
[72] TAMAGAWA, YASUSHI, JP
[72] ISHIMOTO, HIROSHI, JP
[72] TAKAGI, MAYUMI, JP
[72] OHARA, TOSHIKI, JP
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[54] **INSTALLATION DE FABRICATION MODULAIRE ET PROCEDE**
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[72] REID, DAVID, US
[72] REID, DAISY, US
[73] COMAU LLC, US
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[54] **CAPTEUR EFPI AMELIORE**
[72] HOMA, DANIEL, US
[72] HARMAN, ROBERT, US
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[72] BARRY, ALEXANDER, US
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[73] JAGUAR LAND ROVER LIMITED, GB
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[72] WHITE, CLIVE STUART, AU
[73] ENSITECH IP PTY LTD, AU
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[54] **ANTICORPS MONOCLONAL TOTALEMENT HUMAIN DIRIGE CONTRE LE VEGF, PROCEDE DE PREPARATION ET APPLICATION ASSOCIES**
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[72] LI, CHUAN, CN
[72] KAN, YING, CN
[72] TONG, XIN, CN
[73] SHANGHAI BIOMABS PHARMACEUTICALS CO., LTD., CN
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[72] KELLICKER, ROBERT, US
[72] MCNAMARA, MICHAEL E., US
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[54] **REMOVING EFFECTS OF NEAR SURFACE GEOLOGY FROM SURFACE-TO-BOREHOLE ELECTROMAGNETIC DATA**
[54] **SUPPRESSION DES EFFETS DE GEOLOGIE DE SUB-SURFACE DES DONNEES ELECTROMAGNETIQUES, DE SURFACE A Puits DE FORAGE**
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[54] **PROCESS OF PRODUCING ARGININE EMPLOYING CORYNEBACTERIUM GLUTAMICUM ATCC 21831 OR CORYNEBACTERIUM GLUTAMICUM ATCC 21493 IN A AFERMENTATION MEDIUM COMPRISING CASSAVA BAGASSE OR JACKFRUIT SEED AS A CARBON SOURCE**
- [54] **PROCEDE DE PRODUCTION D'ARGININE UTILISANT CORYNEBACTERIUM GLUTAMICUM ATCC 21831 OU CORYNEBACTERIUM GLUTAMICUM ATCC 21493 DANS UN MILIEU DE FERMENTATION COMPRENANT DE LA BAGASSE DE MANIOC OU DES GRAINES DE JACQUIER COMME SOURCE DE CARBONE**
- [72] PANDEY, ASHOK, IN
[72] NAMPOOTHIRI, MADHAVEN, IN
[72] SUBRAMANYAM, RAVI, US
[73] COLGATE-PALMOLIVE COMPANY, US
[73] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
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- [54] **MATERIAU DE BASE MODIFIE HEMOCOMPATIBLE**
- [72] ARAKI, MIHO, JP
[72] UENO, YOSHIYUKI, JP
[72] SUGAYA, HIROYUKI, JP
[73] TORAY INDUSTRIES, INC., JP
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- [54] **EMBOUT BUCCAL ET SA METHODE D'UTILISATION**
- [72] MARTIN, RUTH E., CA
[72] NUTTALL, MICHAEL, CA
[72] FINLAY, BRYAN, CA
[72] THEURER, JULIE, CA
[72] COULTES, BRANDON, CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[54] **HMGB1 AND ANTI-HMGB1 ANTIBODIES FOR THE PROGNOSTIC OF NEUROLOGICAL DISORDERS**
- [54] **HMGB1 ET ANTICORPS ANTI-HMGB1 POUR LE PRONOSTIC DE TROUBLES NEUROLOGIQUES**
- [72] GOUGEON, MARIE-LISE, FR
[72] POIRIER-BEAUDOIN, BEATRICE, FR
[72] SEFFER, VALERIE, FR
[72] SAIDI, HELA, FR
[73] INSTITUT PASTEUR, FR
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[54] **METHODS AND APPRATUS FOR PROVIDING CONTEXT INFORMATION IN A WIRELESS COMMUNICATIONS SYSTEM**
- [54] **PROCEDES ET APPAREIL PERMETTANT LA FOURNITURE D'INFORMATIONS CONTEXTUELLES DANS UN SYSTÈME DE COMMUNICATION SANS FIL**
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[72] SCHMIDT, ANDREAS, DE
[73] APPLE INC., US
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- [54] **SEPARATEUR POUR SEPARER SOLIDES D'INFLUENT**
- [72] ANDOHI, ROBERT YAW GYAMFI, US
[72] FINK, JEREMY, US
[72] FARAM, MICHAEL GUY, GB
[72] BARTER, PAUL STEPHEN, GB
[73] HYDRO INTERNATIONAL PLC, GB
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[54] **EXPANDABLE SAND SCREEN AND METHOD FOR WELL CASING FOR THERMAL OIL RECOVERY**
[54] **FILTRE DE SABLE EXTENSIBLE ET METHODE POUR LE TUBAGE DE Puits EN VUE DE LA RECUPERATION THERMIQUE DU PETROLE**
[72] IBATULLIN, RAVIL RUSTAMOVICH, RU
[72] ABDRAKHMANOV, GABDRASHIT SULTANOVICH, RU
[72] ZALYATOV, MARAT MARSOVICH, RU
[72] DMITRIEV, ANATOLY VALENTINOVICH, RU
[72] KHAMITTYANOV, NIGAMATYAN KHAMITOVICH, RU
[72] AKHMADISHIN, FARIT FOATOVICH, RU
[72] ILALOV, RUSTAM KHSAMOVICH, RU
[72] SABIROV, MARAT GAFUROVICH, RU
[72] FILIPPOV, VITALY PETROVICH, RU
[72] ISMAGILOV, MARAT AZATOVICH, RU
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[54] **SYSTEME DE CAMERA POUR ALIGNER LES COMPOSANTES D'UNE CARTE DE CIRCUITS IMPRIMES**
[72] NGUYEN, HOA DINH, US
[73] OK INTERNATIONAL INC., US
[86] (2794098)
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[54] **REMOTELY CONTROLLED FLUID DISPENSER**
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[73] FISHMAN CORPORATION, US
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[54] **ENERGY STORING DEVICE IN WHICH ENERGY IS STORED THROUGH SPRING TORSION**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE DANS LEQUEL L'ENERGIE EST STOCKEE SOUS LA FORME D'UNE TORSION DE RESSORT**
[72] CHIO, CHUY-NAN, CN
[73] CHIO, CHUY-NAN, CN
[86] (2795072)
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[54] **METHOD OF DETERMINING SPEED AND COORDINATES OF VEHICLES WITH SUBSEQUENT IDENTIFICATION THEREOF AND AUTOMATIC RECORDING OF TRAFFIC OFFENCES AND DEVICE FOR REALISING SAID METHOD**
[54] **METHODE DE DETERMINATION DE LA VITESSE ET DES COORDONNEES DE VEHICULES ET IDENTIFICATION SUBSEQUENTE DES VEHICULES ET ENREGISTREMENT AUTOMATIQUE DES CONTRAVENTIONS AU CODE DE LA ROUTE ET DISPOSITIF DE REALISATION DE LADITE METHODE**
[72] OSIPOV, SERGEY KONSTANTINOVICH, RU
[72] MALINKIN, ALEKSEY YURIEVICH, RU
[73] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTIYU "KORPORAZIJA "STROY INVEST PROEKT M", RU
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[72] RODNEY, PAUL F., US
[72] LEVIN, STEWART ARTHUR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ELEMENTS PORTEURS PAR SERRAGE, EMPILABLES, POUR MODULES PLATS**

[72] GETTNER, MANUEL, DE

[72] HOLMER, WOLFGANG, DE

[73] SIEMENS AKTIENGESELLSCHAFT, DE

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[54] **REDUCED FOSSIL FUEL IN AN OXIDIZER DOWNSTREAM OF A BIOMASS FURNACE**

[54] **QUANTITE DE COMBUSTIBLE FOSSILE REDUITE DANS UN REACTEUR D'OXYDATION EN AVAL D'UN FOUR A BIOMASSE**

[72] CASH, JAMES T., US

[72] RUDOLPH, JEFFREY C., US

[73] MEGTEC SYSTEMS, INC., US

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[25] EN

[54] **DIALOG ESTABLISHMENT OVER A PEER-TO-PEER ARCHITECTURE**

[54] **ETABLISSEMENT D'UN DIALOGUE SUR UNE ARCHITECTURE DE TYPE HOMOLOGUE**

[72] KRAMARENKO, VALENTINA IQOREVNA, CA

[72] PANG, SWEE TUAN, CA

[72] ROZINOV, BORIS, CA

[72] JOHN CHUAN, MEE TCHIN JANE, CA

[73] BLACKBERRY LIMITED, CA

[86] (2799507)

[87] (2799507)

[22] 2012-12-21

[30] EP (11195362.6) 2011-12-22

[11] 2,799,575
[13] C

[51] Int.Cl. H04L 12/16 (2006.01) G06Q 10/10 (2012.01)

[25] EN

[54] **SOCIAL NETWORKING SYSTEM AND METHOD FOR AN ONLINE STATIONERY OR GREETING CARD SERVICE**

[54] **SYSTEME ET PROCEDE DE RESEAUTAGE SOCIAL POUR SERVICE D'ARTICLES DE PAPETERIE OU DE CARTES DE VOEUX EN LIGNE**

[72] BERGER, KELLY, US

[72] ASAR, ADNAN, US

[73] SHUTTERFLY, INC, US

[85] 2012-11-13

[86] 2011-05-12 (PCT/US2011/036280)

[87] (WO2011/143450)

[30] US (12/779,825) 2010-05-13

[30] US (12/859,094) 2010-08-18

[11] 2,799,801
[13] C

[51] Int.Cl. E04F 13/08 (2006.01) E04C 2/26 (2006.01) E04F 13/21 (2006.01) E04F 13/26 (2006.01)

[25] EN

[54] **BUILDING BLOCK AND CLADDING SYSTEM**

[54] **BLOC DE CONSTRUCTION ET SYSTEME DE BARDAGE**

[72] FIFIELD, JOHN, GB

[72] BROWNING, LEONARD, US

[73] OLDCASTLE APG, INC., US

[85] 2012-11-19

[86] 2010-05-21 (PCT/US2010/035739)

[87] (WO2010/135626)

[30] US (61/180,533) 2009-05-22

[30] GB (0922112.8) 2009-12-17

[11] 2,799,892
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[51] Int.Cl. G10L 15/26 (2006.01) G10L 17/00 (2013.01)

[25] EN

[54] **SYSTEM AND METHOD FOR REAL-TIME MULTIMEDIA REPORTING**

[54] **SYSTEME ET METHODE POUR RAPPORT MULTIMEDIA EN TEMPS REEL**

[72] JOHANSSON, LYNDA RUTH, CA

[73] STENOTRAN SERVICES INC., CA

[86] (2799892)

[87] (2799892)

[22] 2012-12-20

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[11] 2,802,322
[13] C

[51] Int.Cl. G01N 25/12 (2006.01) B01L 3/00 (2006.01) G01N 1/22 (2006.01) G01N 25/66 (2006.01) G01N 33/00 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR DETERMINING THE PHASE ENVELOPE OF A GAS CONDENSATE

[54] SYSTEME ET PROCEDE PERMETTANT DE DETERMINER L'ENVELOPPE DE PHASE D'UN CONDENSAT DE GAZ

[72] MOSTOWFI, FARSHID, CA

[72] SINGH, ANIL., US

[72] RATULOWSKI, JOHN, CA

[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2012-12-11

[86] 2011-06-07 (PCT/IB2011/052478)

[87] (WO2011/158151)

[30] US (12/815,304) 2010-06-14

[11] 2,802,834
[13] C

[51] Int.Cl. B65D 33/18 (2006.01) B32B 3/08 (2006.01) B32B 37/00 (2006.01) C09J 7/02 (2006.01)

[25] EN

[54] AN ADHESIVE CLAMP FOR CLOSING A BAG

[54] PINCE ADHESIVE PERMETTANT DE FERMER UN SAC

[72] LINNEWIEL, RON, IL

[73] LINNEWIEL, RON, IL

[85] 2012-12-14

[86] 2010-06-13 (PCT/IB2010/052625)

[87] (WO2011/004271)

[30] US (61/223,426) 2009-07-07

[30] US (61/324,318) 2010-04-15

[11] 2,803,852
[13] C

[51] Int.Cl. B64C 25/50 (2006.01) B62D 6/00 (2006.01)

[25] FR

[54] DIRECTION CONTROL MANAGEMENT PROCESS FOR AN ADJUSTABLE PART OF AIRCRAFT LANDING GEAR

[54] PROCEDE DE GESTION D'UNE COMMANDE D'ORIENTATION D'UNE PARTIE ORIENTABLE D'UN ATTERRISEUR D'AERONEF

[72] BENMOUSSA, MICHAEL, FR

[72] POIRET, DAVID, FR

[72] FRAVAL, JEROME, FR

[73] MESSIER-BUGATTI-DOWTY, FR

[86] (2803852)

[87] (2803852)

[22] 2013-01-25

[30] FR (1251094) 2012-02-06

[11] 2,806,157
[13] C

[51] Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/26 (2006.01) G01N 33/574 (2006.01)

[25] EN

[54] METHODS AND COMPOSITIONS FOR LIVER CANCER THERAPY

[54] METHODES ET COMPOSITIONS POUR UNE THERAPIE CONTRE LE CANCER DU FOIE

[72] HOUEHOU, LEILA, FR

[72] DUME, ANNE-SOPHIE, FR

[72] JOUBERT, DOMINIQUE, FR

[72] HOLLANDE, FREDERIC, FR

[73] LES LABORATOIRES SERVIER, FR

[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[85] 2013-01-21

[86] 2011-07-22 (PCT/EP2011/062686)

[87] (V/O2012/013609)

[30] US (61/367,851) 2010-07-26

[30] US (61/476,204) 2011-04-15

[11] 2,806,229
[13] C

[51] Int.Cl. A47B 61/00 (2006.01) A47B 47/04 (2006.01) A47B 61/06 (2006.01)

[25] EN

[54] PORTABLE STORAGE APPARATUS

[54] APPAREIL DE STOCKAGE PORTATIF

[72] KAGRAMANYAN, NORIK, US

[73] KAGRAMANYAN, NORIK, US

[86] (2806229)

[87] (2806229)

[22] 2013-02-04

[30] US (61/696,741) 2012-09-04

[30] US (13/726,601) 2012-12-25

[11] 2,807,204
[13] C

[51] Int.Cl. G05B 19/401 (2006.01)

[25] EN

[54] DEVICE FOR ERROR CORRECTION FOR CNC MACHINES

[54] DISPOSITIF DE CORRECTION D'ERREUR POUR MACHINES COMMANDEES PAR ORDINATEUR

[72] MORFINO, GIUSEPPE, IT

[72] MIGNANI, AUGUSTO, IT

[73] FIDIA S.P.A., IT

[86] (2807204)

[87] (2807204)

[22] 2013-02-25

[30] EP (12163426.5) 2012-04-05

[11] 2,808,966
[13] C

[51] Int.Cl. F16M 11/06 (2006.01) F24F 13/32 (2006.01)

[25] EN

[54] LOCKING SWIVEL SUPPORT APPARATUS

[54] SUPPORT ROTATIF VERROUILLABLE

[72] CROWLEY, WILLIAM J., US

[72] JOHNSON, KYLE R., US

[73] QUICK-SLING, LLC, US

[86] (2808966)

[87] (2808966)

[22] 2013-03-12

[30] US (61/610,331) 2012-03-13

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[25] EN

[54] **CELLULAR FOAM ADDITIVE**

[54] **ADDITIF DE MOUSSE CELLULAIRE**

[72] JOHNSON, WILLIAM L., SR., US

[73] ECOPURO, LLC, US

[85] 2013-02-22

[86] 2011-08-24 (PCT/US2011/049022)

[87] (WO2012/027510)

[30] US (61/376,607) 2010-08-24

[30] US (61/392,558) 2010-10-13

[30] US (13/181,476) 2011-07-12

[11] 2,810,493
[13] C

[51] Int.Cl. C22C 38/14 (2006.01) C21D 8/04 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/12 (2006.01) C23C 2/06 (2006.01) C23C 2/28 (2006.01) C23C 2/40 (2006.01)

[25] EN

[54] **HIGH STRENGTH GALVANIZED STEEL SHEET HAVING EXCELLENT DEEP DRAWABILITY AND STRETCH FLANGEABILITY AND METHOD FOR MANUFACTURING THE SAME**

[54] **TOLE D'ACIER A HAUTE RESISTANCE, GALVANISEE A CHAUD, SE PRETANT PARTICULIEREMENT BIEN A L'EMBOUTISSAGE PROFOND ET AU BORDAGE PAR ETIREMENT, ET PROCEDE DE PRODUCTION CORRESPONDANT**

[72] KIMURA, HIDEYUKI, JP

[72] OKUDA, KANEHARU, JP

[72] SUGIHARA, REIKO, JP

[73] JFE STEEL CORPORATION, JP

[85] 2013-03-05

[86] 2011-09-15 (PCT/JP2011/071756)

[87] (WO2012/043420)

[30] JP (2010-218922) 2010-09-29

[30] JP (2011-163818) 2011-07-27

[11] 2,811,489
[13] C

[51] Int.Cl. C21D 9/46 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C25F 1/06 (2006.01) C21D 1/26 (2006.01)

[25] EN

[54] **HIGH STRENGTH STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME**

[54] **TOLE D'ACIER A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION ASSOCIE**

[72] FUSHIWAKI, YUSUKE, JP

[72] SUZUKI, YOSHITSUGU, JP

[73] JFE STEEL CORPORATION, JP

[85] 2013-03-15

[86] 2010-09-30 (PCT/JP2010/067612)

[87] (WO2012/042677)

[11] 2,811,920
[13] C

[51] Int.Cl. F16L 55/17 (2006.01) B29C 73/10 (2006.01) F16L 55/18 (2006.01) F16L 58/04 (2006.01) F16L 58/16 (2006.01)

[25] EN

[54] **SYSTEMS, METHODS AND DEVICES FOR STRENGTHENING FLUID SYSTEM COMPONENTS USING RADIATION-CURABLE COMPOSITES**

[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT DE RENFORCER DES COMPOSANTS D'UN CIRCUIT DE FLUIDS PAR L'UTILISATION DE COMPOSITES DURCISABLES PAR IRRADIATION**

[72] LAZZARA, CHRISTOPHER J., US

[72] BICERANO, JOZEF, US

[73] NEPTUNE RESEARCH, INC., US

[85] 2013-03-20

[86] 2011-09-21 (PCT/US2011/052472)

[87] (WO2012/040276)

[30] US (61/386,065) 2010-09-24

[11] 2,813,228
[13] C

[51] Int.Cl. F04C 2/356 (2006.01) F04C 13/00 (2006.01) F04C 14/28 (2006.01)

[25] EN

[54] **ROTARY DISPLACEMENT PUMP FOR PUMPING SOLIDS EMULSIONS, ESPECIALLY LIQUID EXPLOSIVES**

[54] **POMPE VOLUMETRIQUE ROTATIVE POUR LE POMPAGE D'EMULSIONS DE MATIERES SOLIDES, EN PARTICULIER D'EXPLOSIFS LIQUIDES**

[72] FROMM, ULRICH, DE

[72] WILL, SVEN-ERIC, DE

[73] WATSON-MARLOW GMBH, DE

[85] 2013-03-08

[86] 2010-09-15 (PCT/EP2010/063572)

[87] (WO2012/034592)

[11] 2,813,762
[13] C

[51] Int.Cl. H02G 3/08 (2006.01) F16L 5/00 (2006.01) H01R 13/52 (2006.01) H02G 3/22 (2006.01)

[25] EN

[54] **LIFT AND PIVOT GROMMET**

[54] **FILLET A LEVAGE ET PIVOTEMENT**

[72] DRANE, MARK R., US

[72] DINI, CONG T., US

[72] NORWOOD, BOBBY N., US

[73] THOMAS & BETTS INTERNATIONAL, LLC, US

[86] (2813762)

[87] (2813762)

[22] 2013-04-23

[30] US (61/665,483) 2012-06-28

[30] US (13/783,443) 2013-03-04

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[13] C

[51] Int.Cl. B64C 27/615 (2006.01) B64C 13/24 (2006.01) F16H 21/02 (2006.01) F16H 21/44 (2006.01) F16H 21/54 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR ACTIVELY MANIPULATING AERODYNAMIC SURFACES

[54] PROCEDE ET APPAREIL POUR LA MANIPULATION ACTIVE DE SURFACES AERODYNAMIQUES

[72] SCHANK, TROY C., US

[72] KINTZINGER, PETER H., US

[72] SHERRILL, PAUL B., US

[72] PARHAM, THOMAS, US

[73] BELL HELICOPTER TEXTRON INC., US

[85] 2013-04-05

[86] 2010-11-01 (PCT/US2010/054910)

[87] (WO2012/060806)

[11] 2,814,825
[13] C

[51] Int.Cl. A61B 5/0488 (2006.01) A61B 5/0402 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR DETECTING SEIZURES

[54] PROCEDE ET APPAREIL DE DETECTION DE CRISE EPILEPTIQUE

[72] LEININGER, JAMES R., US

[72] HERRING, RUSSELL M., US

[72] GIROUARD, MICHAEL R., US

[72] CAVAZOS, JOSE E., US

[73] BRAIN SENTINEL, INC., US

[85] 2013-04-15

[86] 2011-10-17 (PCT/US2011/056601)

[87] (WO2012/051628)

[30] US (61/393,747) 2010-10-15

[11] 2,815,063
[13] C

[51] Int.Cl. C07D 413/12 (2006.01) A61K 31/5377 (2006.01) A61P 7/02 (2006.01) C07D 265/32 (2006.01) C07D 413/14 (2006.01)

[25] EN

[54] PROCESSES FOR THE PREPARATION OF RIVAROXABAN AND INTERMEDIATES THEREOF

[54] PROCEDES DE PREPARATION DE RIVAROXABAN ET SES INTERMEDIAIRES

[72] BODHURI, PRABHUDAS, CA

[72] WEERATUNGA, GAMINI, CA

[73] APOTEX PHARMACHEM INC., CA

[85] 2013-04-18

[86] 2010-10-18 (PCT/CA2010/001640)

[87] (WO2012/051692)

[11] 2,815,203
[13] C

[51] Int.Cl. C08L 75/04 (2006.01) C08J 3/20 (2006.01) C08K 3/00 (2006.01) C09D 175/04 (2006.01)

[25] EN

[54] FLEXIBLE, LOW TEMPERATURE, FILLED COMPOSITE MATERIAL COMPOSITIONS, COATINGS, AND METHODS

[54] COMPOSITIONS DE MATIERE COMPOSITE FLEXIBLE, BASSE TEMPERATURE ET REMPLIE ET REVETEMENTS ET PROCEDES ASSOCIES

[72] SHARP, RICHARD E., US

[72] NOWAK, ANDREW P., US

[72] ZHOU, CHAOYIN, US

[73] THE BOEING COMPANY, US

[86] (2815203)

[87] (2815203)

[22] 2013-05-02

[30] US (13/492,861) 2012-06-09

[11] 2,815,238
[13] C

[51] Int.Cl. G06Q 50/02 (2012.01) B65G 61/00 (2006.01)

[25] EN

[54] MANAGEMENT SYSTEM OF MINING MACHINE AND MANAGEMENT METHOD OF MINING MACHINE

[54] SYSTEME DE GESTION POUR MACHINE DE MINE ET PROCEDE DE GESTION POUR MACHINE DE MINE

[72] UEDA, TAKAHIRO, JP

[72] HORI, KOUTAROU, JP

[72] TANINAGA, TADASHI, JP

[72] FUKASU, HISATAKA, JP

[72] ITOI, TAKASHI, JP

[73] KOMATSU LTD., JP

[85] 2013-03-19

[86] 2012-09-12 (PCT/JP2012/073370)

[87] (WO2013/069370)

[30] JP (2011-248058) 2011-11-11

[11] 2,815,689
[13] C

[51] Int.Cl. A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/10 (2017.01)

[25] EN

[54] IMPROVED HIGH CONCENTRATION ANTI-TNF.ALPHA. ANTIBODY LIQUID FORMULATIONS

[54] FORMULATION LIQUIDE D'ANTICORPS ANTI-TNF.ALPHA. HAUTEMENT CONCENTREE AMELIOREE

[72] NEU, MICHAEL, DE

[72] TSCHOEPE, MARKUS, DE

[72] WEBER, CARSTEN, DE

[72] REDDEN, LAURA, US

[72] FRAUNHOFER, WOLFGANG, US

[72] GASTENS, MARTIN, DE

[72] FEICK, ALEXANDER, CH

[72] PAULSON, SUSAN K., US

[72] ZHU, TONG, US

[73] ABBVIE BIOTECHNOLOGY LTD., BM

[85] 2013-04-23

[86] 2011-11-11 (PCT/US2011/060388)

[87] (WO2012/065072)

[30] US (61/412,728) 2010-11-11

[30] US (61/413,960) 2010-11-15

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[13] C

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[25] EN

[54] **ANTI-SLIP CABLE TIE**

[54] **ATTACHE DE CABLE ANTIGLISSEMENT**

[72] DINH, CONG T., US

[72] COLE, ANDREW C., US

[72] DRANE, MARK R., US

[73] THOMAS & BETTS INTERNATIONAL, LLC, US

[86] (2816867)

[87] (2816867)

[22] 2013-05-22

[30] US (61/659,620) 2012-06-14

[30] US (13/796,715) 2013-03-12

[11] 2,818,111
[13] C

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/26 (2006.01)**

[25] EN

[54] **CO2 COLLECTION METHODS AND SYSTEMS**

[54] **PROCEDES ET SYSTEMES DE COLLECTE DE CO2**

[72] DICENZO, ANTHONY M., US

[72] BRUSCHI, JOSEPH P., US

[72] PARLETT, JAMES G., US

[72] GALASSO, DOUGLAS A., US

[72] CROOKS, TAB HUNTER, US

[73] THE BOEING COMPANY, US

[86] (2818111)

[87] (2818111)

[22] 2012-08-20

[30] US (13/220,261) 2011-08-29

[11] 2,818,112
[13] C

[51] **Int.Cl. B01D 35/02 (2006.01)**

[25] EN

[54] **CROSS-FLOW FILTRATION WITH TURBULENCE AND BACK-FLUSHING ACTION FOR USE WITH ONLINE CHEMICAL MONITORS**

[54] **FILTRATION A FLUX TANGENTIEL AVEC UNE ACTION DE TURBULENCE ET DE RETRO-LAVAGE, DESTINEE A ETRE UTILISEE AVEC DES DISPOSITIFS DE CONTROLE CHIMIQUE EN LIGNE**

[72] BYALSKIY, MIKHAIL, US

[72] LINK, BRIAN, US

[73] GENERAL ELECTRIC COMPANY, US

[85] 2013-05-15

[86] 2011-10-20 (PCT/US2011/057031)

[87] (WO2012/074616)

[30] US (12/956,315) 2010-11-30

[11] 2,818,926
[13] C

[51] **Int.Cl. C21D 8/12 (2006.01) C22C 38/00 (2006.01) C22C 38/04 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING GRAIN ORIENTED ELECTRICAL STEEL SHEET**

[54] **PROCEDE DE FABRICATION D'UNE FEUILLE D'ACIER ELECTROMAGNETIQUE DIRECTIONNELLE**

[72] OMURA, TAKESHI, JP

[72] KIJIMA, GOU, JP

[72] WATANABE, MAKOTO, JP

[73] JFE STEEL CORPORATION, JP

[85] 2013-05-23

[86] 2011-11-25 (PCT/JP2011/006576)

[87] (WO2012/070249)

[30] JP (2010-264091) 2010-11-26

[30] JP (2011-193236) 2011-09-05

[11] 2,821,359
[13] C

[51] **Int.Cl. G09F 13/00 (2006.01)**

[25] EN

[54] **DISPLAY APPARATUS**

[54] **APPAREIL D'AFFICHAGE**

[72] ELLIOTT, MARK, CA

[72] MURRAY, ROBERT, CA

[72] KISIEL, RYSZARD, CA

[73] ELLIOTT, MARK, CA

[85] 2013-06-12

[86] 2012-10-24 (PCT/CA2012/000982)

[87] (WO2013/059918)

[30] US (61/550,862) 2011-10-24

[11] 2,821,843
[13] C

[51] **Int.Cl. E03C 1/29 (2006.01) E03C 1/28 (2006.01) E03F 5/04 (2006.01)**

[25] EN

[54] **IN-LINE WATER TRAP**

[54] **SIPHON EN LIGNE**

[72] SUTHERLAND, DION GRANT, ZA

[73] AMPHICOM INVESTMENTS CC, ZA

[85] 2013-06-14

[86] 2012-01-04 (PCT/IB2012/050032)

[87] (WO2012/093357)

[30] ZA (2011/00126) 2011-01-05

[11] 2,822,946
[13] C

[51] **Int.Cl. G03B 37/02 (2006.01) H04N 5/335 (2011.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR GENERATING COMPOSITE IMAGES**

[54] **PROCEDES ET APPAREIL D'ELABORATION D'IMAGES COMPOSITES**

[72] LOWE, DAVID, CA

[72] CLARK, GEOFFREY, CA

[72] BROWN, MATTHEW, GB

[72] BEIS, JEFFREY, US

[73] GOOGLE INC., US

[86] (2822946)

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[13] C

[51] **Int.Cl. F01D 17/16 (2006.01)**
[25] EN
[54] **VARIABLE VANE FOR GAS
TURBINE ENGINE**
[54] **AUBE VARIABLE POUR MOTEUR
A TURBINE A GAZ**
[72] RESS, ROBERT A. JR., US
[73] ROLLS-ROYCE NORTH AMERICAN
TECHNOLOGIES, INC., US
[85] 2013-06-26
[86] 2011-12-30 (PCT/US2011/068061)
[87] (WO2012/092543)
[30] US (61/428,768) 2010-12-30

[11] 2,823,273
[13] C

[51] **Int.Cl. G01C 15/00 (2006.01)**
[25] EN
[54] **MEASURING APPLIANCE
COMPRISING AN AUTOMATIC
REPRESENTATION-CHANGING
FUNCTIONALITY**
[54] **APPAREIL DE MESURE A
FONCTIONNALITE DE
CHANGEMENT DE
REPRESENTATION
AUTOMATIQUE**
[72] SCHORR, CHRISTIAN, CH
[72] SCHROEDER, FRANK, CH
[72] KOCH, ROMY, CH
[72] GIGER, KURT, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2013-06-27
[86] 2012-01-10 (PCT/EP2012/050301)
[87] (WO2012/095416)
[30] EP (11150978.2) 2011-01-14

[11] 2,824,121
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[51] **Int.Cl. A61D 1/02 (2006.01) A61D
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A61M 5/315 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR
TREATING A TEAT CANAL OF
AN ANIMAL**
[54] **PROCEDE ET DISPOSITIF DE
TRAITEMENT DU CANAL DU
TRAYON D'UN ANIMAL**
[72] HALLAHAN, STEPHEN, IE
[72] MCHARDY, NICHOLAS, IE
[72] SMITH, BRENDAN, IE
[72] VAN VESSEM, LOUIS, NL
[73] BIMEDA RESEARCH &
DEVELOPMENT LIMITED, IE
[86] (2824121)
[87] (2824121)
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[11] 2,824,653
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[25] EN
[54] **METHOD FOR RESOURCE
ALLOCATION, METHOD FOR
CHANNEL STATE INFORMATION
TRANSMISSION, BASE STATION
AND USER EQUIPMENT**
[54] **PROCEDE D'ATTRIBUTION DE
RESSOURCES, PROCEDE DE
TRANSMISSION
D'INFORMATION D'ETAT DE
CANAL, STATION DE BASE ET
EQUIPEMENT UTILISATEUR**
[72] WANG, YI, CN
[72] ZHOU, HUA, CN
[72] WU, JIANMING, CN
[73] FUJITSU LIMITED, JP
[85] 2013-06-21
[86] 2010-12-22 (PCT/CN2010/080111)
[87] (WO2012/083530)

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[25] EN
[54] **FORGED STEEL AND WELDED
STRUCTURE FOR COMPONENTS
FOR NUCLEAR POWER PLANTS**
[54] **MATERIAU EN ACIER FORGE ET
STRUCTURE SOUDEE DESTINEES
A DES DISPOSITIFS DE
PRODUCTION DE PUISSANCE
NUCLEAIRE**
[72] TAKAOKA, HIROYUKI, JP
[72] FUJITSUNA, NOBUYUKI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO
SHO (KOBELITE, LTD.), JP
[85] 2013-07-24
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[87] (WO2012/115240)
[30] JP (2011-038074) 2011-02-24
[30] JP (2012-018488) 2012-01-31

[11] 2,826,237
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[54] **SUB-APERTURE CONTROL IN
HIGH INTENSITY FOCUSED
ULTRASOUND**
[54] **COMMANDE DE SOUS-
OUVERTURE DANS DES
ULTRASONS FOCALISES DE
HAUTE INTENSITE**
[72] ZENG, XIAOZHENG, US
[72] SEKINS, KEVIN MICHAEL, US
[72] BARNES, STEPHEN, US
[73] SIEMENS MEDICAL SOLUTIONS
USA, INC., US
[73] SIEMENS CORPORATION, US
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[25] EN

[54] **METHODS AND APPARATUSES FOR RESUMING PAUSED MEDIA**

[54] **PROCEDES ET APPAREILS POUR REPREDRE UN CONTENU MULTIMEDIA MIS EN PAUSE**

[72] LINDQUIST, JAN-ERIK, SE

[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE

[85] 2013-08-01

[86] 2011-09-05 (PCT/SE2011/051067)

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[30] US (61/447,943) 2011-03-01

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[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING CARDIOVASCULAR DISEASES**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES CARDIOVASCULAIRES**

[72] BANNISTER, ROBIN MARK, GB

[72] BREW, JOHN, GB

[72] DILLY, SUZANNE JANE, GB

[72] STOLOFF, GREGORY ALAN, GB

[72] CAPARROS-WANDERLEY, WILSON, GB

[73] INFIRST HEALTHCARE LIMITED, GB

[85] 2013-08-02

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[30] GB (1101937.9) 2011-02-04

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[30] GB (1113730.4) 2011-08-10

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[11] 2,826,737
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[25] EN

[54] **APPARATUS AND METHOD FOR OPTICAL COHERENCE TOMOGRAPHY**

[54] **APPAREIL ET PROCEDE DE TOMOGRAPHIE PAR COHERENCE OPTIQUE**

[72] DONITZKY, CHRISTOF, DE

[72] VOGLER, KLAUS, DE

[72] WUELLNER, CHRISTIAN, DE

[72] GORSCHBOTH, CLAUDIA, DE

[72] MROCHEN, MICHAEL, CH

[73] WAVELENGTH GMBH, DE

[85] 2013-08-07

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[87] (WO2012/110052)

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[54] **A SEISMIC MEASURING SYSTEM INCLUDING GPS RECEIVERS**

[54] **SYSTEME DE MESURE SISMIQUE COMPRENANT DES RECEPTEURS GPS**

[72] FENTON, PATRICK C., CA

[73] NOVATEL INC., CA

[86] (2826981)

[87] (2826981)

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[51] **Int.Cl. G02F 2/02 (2006.01) H04B 10/516 (2013.01) H04B 10/532 (2013.01) G02B 6/26 (2006.01) H04J 11/00 (2006.01) H04J 14/02 (2006.01)**

[25] EN

[54] **OPTICAL FREQUENCY SHIFTER AND OPTICAL MODULATOR USING THE SAME**

[54] **DISPOSITIF DE DECALAGE DE FREQUENCE OPTIQUE ET MODULATEUR OPTIQUE UTILISANT LEDIT DISPOSITIF**

[72] SAIDA, TAKASHI, JP

[72] YAMAZAKI, HIROSHI, JP

[72] GOH, TAKASHI, JP

[72] TSUZUKI, KEN, JP

[72] MINO, SHINJI, JP

[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP

[85] 2013-08-09

[86] 2012-02-15 (PCT/JP2012/000976)

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[30] JP (2011-031015) 2011-02-16

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[54] **CONTRAST AGENTS FOR MYOCARDIAL PERFUSION IMAGING**

[54] **AGENTS DE CONTRASTE POUR L'IMAGERIE DE PERFUSION MYOCARDIQUE**

[72] CASEBIER, DAVID, US

[72] ROBINSON, SIMON P., US

[72] PUROHIT, AJAY, US

[72] RADEKE, HEIKE S., US

[72] AZURE, MICHAEL T., US

[72] DISCHIMO, DOUGLAS D., US

[73] LANTHEUS MEDICAL IMAGING, INC., US

[86] (2828128)

[87] (2828128)

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[62] 2,556,213

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[25] EN
[54] **IMAGE ENCODING/DECODING METHOD AND APPARATUS FOR SAME**
[54] **PROCEDE DE CODAGE/DECODAGE D'IMAGE ET APPAREIL ASSOCIE**
[72] LEE, JIN HO, KR
[72] KIM, HUI YONG, KR
[72] LIM, SUNG CHANG, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[85] 2013-08-27
[86] 2012-06-20 (PCT/KR2012/004883)
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[25] EN
[54] **CIRCUMFERENCE SPLICE FOR JOINING SHELL STRUCTURES**
[54] **RACCORDEMENT CIRCONFERENTIEL POUR RACCORDER DES COQUES**
[72] DIEP, PAUL, US
[72] DOPKER, BERNHARD, US
[73] THE BOEING COMPANY, US
[86] (2828723)
[87] (2828723)
[22] 2013-10-01
[30] US (13/665,664) 2012-10-31

[11] **2,829,114**
[13] C

[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/14 (2014.01) H04N 19/52 (2014.01) H04N 19/88 (2014.01)**
[25] EN
[54] **METHOD FOR DERIVING A TEMPORAL PREDICTIVE MOTION VECTOR, AND APPARATUS USING THE METHOD**
[54] **PROCEDE PERMETTANT DE DERIVER UN VECTEUR DE MOUVEMENT PREDICTIF TEMPOREL ET APPAREIL UTILISANT LE PROCEDE**
[72] LEE, BAE KEUN, KR
[72] KWON, JAE CHEOL, KR
[73] KT CORPORATION, KR
[85] 2013-09-04
[86] 2012-09-06 (PCT/KR2012/007174)
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[25] EN
[54] **FE(III) COMPLEX COMPOUNDS FOR THE TREATMENT AND PROPHYLAXIS OF IRON DEFICIENCY SYMPTOMS AND IRON DEFICIENCY ANEMIAS**
[54] **COMPOSES A BASE DE COMPLEXES DE FE(III) POUR LE TRAITEMENT ET LA PREVENTION DE CARENCES EN FER ET D'ANEMIES DUES A UNE CARENCE EN FER**
[72] BARK, THOMAS, CH
[72] BUHR, WILM, DE
[72] BURCKHARDT, SUSANNA, CH
[72] BURGERT, MICHAEL, DE
[72] CANCLINI, CAMILLO, CH
[72] DURRENBERGER, FRANZ, CH
[72] FUNK, FELIX, CH
[72] GEISSER, PETER OTTO, CH
[72] KALOGERAKIS, ARIS, CH
[72] MAYER, SIMONA, CH
[72] PHILIPP, ERIK, CH
[72] REIM, STEFAN, CH
[72] SIEBER, DIANA, CH
[72] SCHMITT, JORG, CH
[72] SCHWARZ, KATRIN, CH
[73] VIFOR (INTERNATIONAL) AG, CH
[85] 2013-09-06
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[25] EN

[54] **BI-PREDICTIVE MERGE MODE BASED ON UNI-PREDICTIVE NEIGHBORS IN VIDEO CODING**

[54] **MODE DE FUSION BI-PREDICTIF BASE SUR DES VOISINS UNI-PREDICTIFS DANS UN CODAGE VIDEO**

[72] ZHENG, YUNFEI, US

[72] CHIEN, WEI-JUNG, US

[72] KARCZEWICZ, MARTA, US

[73] QUALCOMM INCORPORATED, US

[85] 2013-09-12

[86] 2012-02-29 (PCT/US2012/027136)

[87] (WO2012/128903)

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[30] US (61/502,703) 2011-06-29

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[25] EN

[54] **MODULAR HIGH VOLTAGE SENSING UNIT**

[54] **UNITE DE DETECTION DE TENSION ELEVEE MODULAIRE**

[72] FONG, ROBERT, US

[72] GARDNER, DANIEL L., US

[72] AYALA, WILLIAM, US

[73] THOMAS & BETTS INTERNATIONAL LLC, US

[86] (2831768)

[87] (2831768)

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[30] US (14/036,752) 2013-09-25

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[54] **STEREOLITHOGRAPHY MACHINE FOR PRODUCING A THREE-DIMENSIONAL OBJECT AND STEREOLITHOGRAPHY METHOD APPLICABLE TO SAID MACHINE**

[54] **MACHINE DE STEREOLITHOGRAPHIE POUR PRODUIRE UN OBJET TRIDIMENSIONNEL ET PROCEDE DE STEREOLITHOGRAPHIE APPLICABLE A LADITE MACHINE**

[72] COSTABEER, ETTORE MAURIZIO, IT

[73] DWS S.R.L., IT

[85] 2013-09-30

[86] 2012-04-19 (PCT/IB2012/000775)

[87] (WO2012/143785)

[30] IT (VI2011A000099) 2011-04-20

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[51] **Int.Cl. E21B 43/22 (2006.01) E21B 43/14 (2006.01) E21B 43/24 (2006.01)**

[25] EN

[54] **MICROBIAL PROCESSES FOR INCREASING FLUID MOBILITY IN A HEAVY OIL RESERVOIR**

[54] **PROCESSUS MICROBIENS POUR AUGMENTER LA MOBILITE D'UN FLUIDE DANS UN RESERVOIR D'HUILE LOURDE**

[72] BRACHO DOMINGUEZ, ROSANA PATRICIA, CA

[72] BEN-ZVI, AMOS, CA

[72] PUGH, KIRSTEN AMY YEATES, CA

[72] GUPTA, SUBODH, CA

[73] CENOVUS ENERGY INC., CA

[86] (2831928)

[87] (2831928)

[22] 2013-11-01

[30] US (61/721,452) 2012-11-01

[11] 2,832,093
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[25] EN

[54] **IMAGE-PROCESSOR-CONTROLLED MISALIGNMENT-REDUCTION FOR OPHTHALMIC SYSTEMS**

[54] **REDUCTION DE DESALIGNEMENT COMMANDEE PAR PROCESSEUR D'IMAGE POUR SYSTEMES OPHTALMIQUES**

[72] JUHASZ, TIBOR, US

[72] RAKSI, FERENC, US

[72] HOLLAND, GUY, US

[73] ALCON LENSX, INC., US

[85] 2013-10-01

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[25] EN

[54] **METHOD AND SYSTEM FOR RANDOM ACCESS INTERFERENCE MITIGATION IN HETEROGENEOUS CELLULAR NETWORKS**

[54] **PROCEDE ET SYSTEME POUR L'ATTENUATION D'INTERFERENCE D'ACCES ALEATOIRE DANS DES RESEAUX CELLULAIRES HETEROGENES**

[72] EARNSHAW, ANDREW MARK, CA

[72] FONG, MO-HAN, CA

[72] GAO, SHIWEI, CA

[72] GUO, SHIGUANG, CA

[72] HEO, YOUNG HYOUNG, CA

[72] WENG, JIANFENG, CA

[73] BLACKBERRY LIMITED, CA

[85] 2013-10-02

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[25] EN

[54] AUTOMATED PLY LAYUP SYSTEM

[54] SYSTEME DE CONFIGURATION DE PLI AUTOMATIQUE

[72] SANGARI, SAMRA S., US

[72] WILLDEN, KURTIS S., US

[72] COBB, JAMES M., US

[72] BUCKUS, GARY M., US

[72] CRESPO, CARLOS, US

[72] PEDIGO, SAMUEL F., US

[73] THE BOEING COMPANY, US

[85] 2013-10-02

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[13] C

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[25] EN

[54] OPTICAL SECURITY COMPONENT HAVING A TRANSMISSIVE EFFECT, MANUFACTURE OF SUCH A COMPONENT, AND SECURE DOCUMENT PROVIDED WITH SUCH A COMPONENT

[54] COMPOSANT OPTIQUE DE SECURITE A EFFET TRANSMISSIF, FABRICATION D'UN TELUCOMPOSANT ET DOCUMENT SECURISE EQUIPE D'UN TEL COMPOSANT

[72] PETITON, VALERY, FR

[72] SAUVAGE-VINCENT, JEAN, FR

[72] NOIZET, ALEXANDRE, FR

[72] JOURLIN, YVES, FR

[73] HOLOGRAM INDUSTRIES, FR

[73] UNIVERSITE JEAN MONNET, FR

[85] 2013-10-07

[86] 2012-04-05 (PCT/EP2012/056301)

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[30] FR (1153068) 2011-04-08

[11] 2,832,749
[13] C

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[25] EN

[54] METHOD FOR PREPARING QUANTITATIVE VIDEO-MICROSCOPY AND ASSOCIATED SYSTEM

[54] PROCEDE DE PREPARATION DE MICROSCOPIE VIDEO QUANTITATIVE ET SYSTEME ASSOCIE

[72] MARCEL POIL, RAPHAEL RODOLPHE, FR

[72] ORNY, CEDRICK RENE, FR

[73] TRIPATH IMAGING, INC., US

[85] 2013-10-08

[86] 2012-04-11 (PCT/US2012/033053)

[87] (WO2012/142111)

[30] US (61/474,514) 2011-04-12

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[13] C

[51] Int.Cl. G05D 1/00 (2006.01) B64C 39/02 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR CONTROLLING AN UNMANNED AERIAL VEHICLE

[54] SYSTEME ET PROCEDE DE COMMANDE D'UN AERONEF NON HABITE

[72] METZLER, BERNHARD, AT

[72] SIERCKS, KNUT, CH

[73] HEXAGON TECHNOLOGY CENTER GMBH, CH

[85] 2013-10-10

[86] 2012-04-13 (PCT/EP2012/056760)

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[30] EP (11162507.5) 2011-04-14

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[51] Int.Cl. C08F 220/26 (2006.01) C04B 24/24 (2006.01) C04B 24/26 (2006.01) C04B 28/00 (2006.01) C08F 8/40 (2006.01)

[25] FR

[54] COPOLYMERS HAVING GEM-BISPHOSPHONATE GROUPINGS

[54] COPOLYMERES A GROUPEMENTS GEM-BISPHOSPHONES

[72] CHIOUGRANI, KAMEL, FR

[72] LEISING, FREDERIC, FR

[73] CHIRYSO, FR

[85] 2013-10-03

[86] 2012-04-13 (PCT/EP2012/056840)

[87] (WO2012/140235)

[30] FR (11 53312) 2011-04-15

[11] 2,833,142
[13] C

[51] Int.Cl. G06Q 40/04 (2012.01)

[25] EN

[54] DYNAMICALLY ACTIVATING AND DEACTIVATING ONE OR MORE ELEMENTS OF A TRADING TOOL

[54] ACTIVATION ET DESACTIVATION DYNAMIQUE D'UN OU DE PLUSIEURS ELEMENTS D'UN OUTIL DE NEGOCE

[72] TRIPLETT, MARK W., US

[72] BUCK, BRIAN J., US

[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US

[85] 2013-10-11

[86] 2012-03-29 (PCT/US2012/031096)

[87] (WO2012/141906)

[30] US (13/088,022) 2011-04-15

[11] 2,834,010
[13] C

[51] Int.Cl. B62D 1/16 (2006.01)

[25] EN

[54] RETENTION BRACKET FOR STEERING COLUMN MEMBER

[54] SUPPORT DE RETENUE POUR COLONNE DE DIRECTION

[72] VAN SCHAIK, LAMBERTUS S., CA

[72] WONG, WAYNE WING CHUN, CA

[73] VAN-ROB INC., CA

[86] (2834010)

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RETRANSMISSION FEEDBACK
RETROACTION DE
RETRANSMISSION
MULTIPORTEUSE**
[72] DAMNJANOVIC, JELENA M., US
[72] CHEN, WANSIH, US
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
[72] BHUSHAN, NAGA, US
[72] KHANDEKAR, AAMOD D., US
[73] QUALCOMM INCORPORATED, US
[86] (2834139)
[87] (2834139)
[22] 2010-05-06
[62] 2,758,576
[30] US (61/176,470) 2009-05-07
[30] US (12/774,671) 2010-05-05

[11] 2,834,570
[13] C

[51] **Int.Cl. H02J 7/00 (2006.01) E04H
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[25] EN
[54] **TENT ELECTRICAL SYSTEM
SYSTEME ELECTRIQUE POUR
TENTE**
[72] TARTER, KEVIN J., US
[72] MEETHER, STUART L., US
[72] HINZ, TREVOR J., US
[72] CULP, YIYUN, US
[72] BROCKEL, MICHAEL D., US
[72] LAWHON, ROBERT L., US
[73] THE COLEMAN COMPANY, INC.,
US
[86] (2834570)
[87] (2834570)
[22] 2006-09-28
[62] 2,624,441
[30] US (60/721,281) 2005-09-28
[30] US (60/774,371) 2006-02-17

[11] 2,834,685
[13] C

[51] **Int.Cl. A45D 33/26 (2006.01) A45D
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[25] EN
[54] **UNIVERSAL DOCKING STATION
COMPACT**
[54] **BOITIER-STATION D'ACCUEIL
UNIVERSELLE**
[72] BOUIX, HERVE F., US
[72] JACOB, CHRISTOPHE, FR
[73] ELC MANAGEMENT LLC, US
[85] 2013-10-29
[86] 2012-05-02 (PCT/US2012/036170)
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[30] US (13/100,723) 2011-05-04

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[25] EN
[54] **A METHOD OF MANAGING
HYPERCORTISOLEMIA,
HEADACHE DISORDERS,
NEUROPATHIC PAIN AND
RELATED DISORDERS**
[54] **METHODE DE PRISE EN CHARGE
DE L'HYPERCORTISOLEMIE,
DES TROUBLES LIES AUX
CEPHALEES, DE LA DOULEUR
NEUROPATHIQUE ET TROUBLES
CONNEXES**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[73] INDUS BIOTECH PRIVATE
LIMITED, IN
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[25] EN
[54] **TUBULAR COUPLING DEVICE
DISPOSITIF D'ACCOUPLEMENT
TUBULAIRE**
[72] TWARDOWSKI, ERIC M., US
[73] WEATHERFORD TECHNOLOGY
HOLDINGS, LLC, US
[85] 2013-11-21
[86] 2012-05-25 (PCT/US2012/039711)
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[30] US (61/490,033) 2011-05-25

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(2006.01)**
[25] EN
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COMPOUNDS EXHIBITING
SUPERIOR COMPRESSION SET
PROPERTIES**
[54] **COMPOSES ELASTOMERES
THERMOPLASTIQUES
PRESENTANT DES PROPRIETES
DE DEFORMATION REMANENTE
APRES COMPRESSION
SUPERIEURES**
[72] KIM, SEHYUN, US
[73] POLYONE CORPORATION, US
[85] 2013-11-25
[86] 2012-05-30 (PCT/US2012/039960)
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[54] **RECONSTITUTION DEVICE
DISPOSITIF DE
RECONSTITUTION**
[72] REYNOLDS, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[72] GEOFFROY, ERIC, CA
[72] VIENS, MATTHEU, CA
[73] DUOJECT MEDICAL SYSTEMS
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[87] (WO2013/003951)
[30] CA (2,745,320) 2011-07-06

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[25] EN
[54] **ENCODING OR DECODING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE**
[72] YANG, HAITAO, CN
[72] ZHOU, JIANTONG, CN
[72] LI, BIN, CN
[72] LI, HOUQUANG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[51] **Int.Cl. C22C 26/00 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ELEMENT CONTAINING THERMALLY STABLE POLYCRYSTALLINE DIAMOND MATERIAL AND METHODS AND ASSEMBLIES FOR FORMATION THEREOF**
[54] **ELEMENT CONTENANT UNE MATIERE DE DIAMANT POLYCRISTALLIN THERMIQUEMENT STABLE ET PROCEDES ET ENSEMBLES POUR SA FORMATION**
[72] ATKINS, BRIAN, US
[72] ANDERLE, SETH G., US
[72] ARFEE, ROBERT W., US
[72] LAIDL, RAM L., US
[72] LINFORD, BRANDON PAUL, US
[72] WIGGINS, JASON KEITH, US
[72] NGUYEN, KEVIN DUY, US
[72] QIAN, JIANG, US
[72] BERTAGNOLLI, KENNETH EUGENE, US
[72] SCOTT, SHAWN CASEY, US
[72] MUKHOPADHYAY, DEBKUMAR, US
[72] VAIL, MICHAEL ALEXANDER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[30] US (61/495,670) 2011-06-10
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[25] EN
[54] **DRIVING AND CONTROLLING METHOD FOR BIOMIMETIC FISH AND BIOMIMETIC FISH**
[54] **PILOTAGE ET COMMANDE D'UN POISSON FACTICE ET POISSON FACTICE**
[72] LU, XIAOPING, CN
[73] LU, XIAOPING, CN
[85] 2013-12-20
[86] 2012-07-09 (PCT/CN2012/078390)
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[13] C

[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTOR APPARATUS**
[54] **DISPOSITIF DE CONNECTEUR OPTIQUE**
[72] SHIMAZU, HIDETO, JP
[72] HASHIGUCHI, OSAMU, JP
[72] TANAKA, YUKITAKA, JP
[72] FUKAYAMA, KENZO, JP
[72] IZAKI, MASAHIRO, JP
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
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[11] 2,842,523
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[25] EN
[54] **METHOD TO RESTRICT THE NUMBER OF CYCLES IN A CONTINUOUS J-SLOT IN A DOWNHOLE TOOL**
[54] **PROCEDE DE LIMITATION DU NOMBRE DE CYCLES DANS UNE CANNELURE CONTINUE EN J D'UN OUTIL DE FOND**
[72] STREICH, STEVEN G., US
[72] LOVEDAY, DONALD G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN

[54] **WHEEL ASSEMBLY DEFINING A MOTOR/GENERATOR**

[54] **ENSEMBLE ROUE DEFINISSANT UN MOTEUR/GENERATEUR**

[72] TCHERVENKOV, JEAN L., CA

[72] CREVIER, SYLVAIN, CA

[72] GRENIER, STEPHANIE, CA

[73] TIDNAB INNOVATIONS INC., CA

[85] 2014-01-10

[86] 2012-07-13 (PCT/CA2012/000673)

[87] (WO2013/006962)

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[13] C

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[54] **WALK BEHIND ALL-WHEEL DRIVE CONCRETE SAW**

[54] **SCIE A BETON A TRACTION INTEGRALE ET A CONTROLE ARRIERE**

[72] BRANDT, ALAN, US

[73] BRANDT, ALAN, US

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[86] 2012-07-05 (PCT/US2012/045557)

[87] (WO2013/009569)

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[25] FR

[54] **ELECTROMECHANICAL ACTUATOR FOR BRAKE**

[54] **ACTIONNEUR ELECTROMECHANIQUE POUR FREIN**

[72] SELLES, FRANCK, FR

[72] EVENOR, ERIC, FR

[72] RICHARD, NATHANIEL, FR

[73] MESSIER-BUGATTI-DOWTY, FR

[86] (2845205)

[87] (2845205)

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[30] FR (13 52209) 2013-03-12

[11] 2,845,784
[13] C

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[25] EN

[54] **SUSTAINED-RELEASE LIPID PRE-CONCENTRATE OF PHARMACOLOGICALLY ACTIVE SUBSTANCE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**

[54] **PRE-CONCENTRE LIPIDIQUE A LIBERATION MODIFIEE D'UNE SUBSTANCE PHARMACOLOGIQUEMENT ACTIVE ET COMPOSITION PHARMACEUTIQUE LA COMPRENANT**

[72] KO, JIN YOUNG, KR

[72] KIM, JI YEON, KR

[72] PARK, SO HYUN, KR

[72] AN, SUNG WON, KR

[72] KI, MIN HYU, KR

[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR

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[13] C

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[54] **IMPREGNATED DRILLING TOOLS INCLUDING ELONGATED STRUCTURES**

[54] **OUTILS DE FORAGE IMPREGNES COMPRENANT DES STRUCTURES ALLONGEES**

[72] RUPP, MICHAEL D., US

[72] PEARCE, CODY A., US

[72] LAMBERT, CHRISTIAN M., US

[72] DRIVDAHL, KRISTIAN S., US

[73] LONGYEAR TM, INC., US

[85] 2014-02-20

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[25] EN

[54] **PROCEDURE AND MECHANISM FOR MANAGING A CALL TO A CALL CENTER**

[54] **PROCEDURE ET MECANISME POUR GERER UN APPEL A UN CENTRE D'APPELS**

[72] TIETSCH, MICHAEL, DE

[73] UNIFY GMBH & CO. KG, DE

[86] (2847130)

[87] (2847130)

[22] 2014-03-19

[30] DE (10 2013 006 351.5) 2013-04-12

[11] 2,847,941
[13] C

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[25] EN

[54] **VALVE INTEGRATED INTO A FLUID DISTRIBUTION NETWORK, NETWORK AND ENERGY CONVERSION INSTALLATION COMPRISING SUCH A VALVE**

[54] **VANNE INTEGREE A UN RESEAU DE DISTRIBUTION DE FLUIDE, RESEAU ET INSTALLATION DE CONSERVATION D'ENERGIE COMPRENANT UNE TELLE VANNE**

[72] MATHIEU, ALAIN, FR

[73] ALSTOM RENEWABLE TECHNOLOGIES, FR

[86] (2847941)

[87] (2847941)

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[54] **AUTHENTICATION BASED ON
RANDOM BITS IN SATELLITE
NAVIGATION MESSAGES**
[54] **AUTHENTICIFICATION BASEE SUR
DES BITS ALEATOIRES DANS
DES MESSAGES DE NAVIGATION
PAR SATELLITE**
[72] ENGE, PER, US
[73] THE BOEING COMPANY, US
[85] 2014-03-04
[86] 2012-09-05 (PCT/US2012/053810)
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[11] **2,849,077**
[13] C

[51] **Int.Cl. H02M 5/458 (2006.01) H02M
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[25] EN
[54] **A MULTI-VOLTAGE POWER
SUPPLY FOR A UNIVERSAL
AIRPLANE GROUND SUPPORT
EQUIPMENT CART**
[54] **ALIMENTATION ELECTRIQUE A
PLUSIEURS TENSIONS POUR
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SOUTIEN AU SOL D'AERONEF
UNIVERSEL**
[72] LEADINGHAM, DAVID WAYNE, US
[72] HANSEN, RICHARD LAWRENCE,
US
[72] JOHNSON, DREW ROBERT, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-03-18
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[25] EN
[54] **CONTROLLED POROSITY
DEVICES FOR TISSUE
TREATMENTS, METHODS OF
USE, AND METHODS OF
MANUFACTURE**
[54] **DISPOSITIFS A POROSITE
CONTROLEE POUR
TRAITEMENTS TISSULAIRES,
PROCEDES D'UTILISATION ET
PROCEDES DE FABRICATION**
[72] BACINO, JOHN E., US
[72] CAMPBELL, CAREY V., US
[72] CULLY, EDWARD H., US
[72] TRAPP, BENJAMIN M., US
[72] VONESH, MICHAEL J., US
[73] W.L. GORE & ASSOCIATES, INC.,
US
[85] 2014-03-28
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[87] (WO2013/052572)
[30] US (61/544,170) 2011-10-06
[30] US (61/697,262) 2012-09-05
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[13] C

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[25] EN
[54] **PHOTOCHROMIC MATERIALS
THAT INCLUDE 6-AMINO
SUBSTITUTED INDENO-FUSED
NAPHTHOPYRANS**
[54] **MATIERES PHOTOCHROMIQUES
QUI COMPRENENT DES
NAPHTOPYRANES INDENO-
FUSIONNEES 6-AMINO
SUBSTITUES**
[72] CHOPRA, ANU, US
[72] KNOWLES, DAVID B., US
[72] YU, HUAYUN, US
[73] TRANSITIONS OPTICAL, INC., US
[85] 2014-03-31
[86] 2012-09-27 (PCT/US2012/057487)
[87] (WO2013/052338)
[30] US (13/268,089) 2011-10-07

[11] **2,850,957**
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[25] EN
[54] **CALIBRATION DEVICE FOR
CALIBRATING AN EXTRUDED
FILM TUBE**
[54] **DISPOSITIF D'ETALONNAGE DE
PELLICULE TUBULAIRE
EXTRUDEE**
[72] ZIMMERMAN, RICHARD, DE
[72] FAHLING, GERD, DE
[73] KIDESIGN GMBH, DE
[86] (2850957)
[87] (2850957)
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[11] **2,853,280**
[13] C

[51] **Int.Cl. F16L 3/00 (2006.01) B23P
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[25] EN
[54] **PLIABLE-WALL AIR DUCTS
WITH SUSPENDED FRAMES**
[54] **CONDUITS D'AIR A PAROI
PLIABLE COMPORTANT DES
STRUCTURES SUSPENDUES**
[72] PINKALLA, CARY, US
[72] HEIM, FRANK, US
[72] GEBKE, KEVIN J., US
[72] KAUFMANN, NICHOLAS L., US
[72] NIEHAUS, WILLIAM A., US
[73] RITE-HITE HOLDING
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING 7-(1H-IMIDAZOL-4-YLMETHYL)-5,6,7,8-TETRAHYDRO-QUINOLINE FOR TREATING SKIN DISEASES AND CONDITIONS**
[54] **UTILISATION DE COMPOSITIONS PHARMACEUTIQUES COMPRENANT LE COMPOSE 7-(1H-IMIDAZOL-4-YLMETHYL)-5,6,7,8-TETRAHYDRO-QUINOLINE POUR TRAITER LES MALADIES ET LES AFFECTIONS CUTANÉES**
[72] DIBAS, MOHAMMED I., US
[72] HSIA, EDWARD C., US
[72] DONELLO, JOHN E., US
[72] GIL, DANIEL W., US
[73] ALLERGAN, INC., US
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[30] US (61/558,104) 2011-11-10

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[13] C
- [51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **NON-ROTATING WELLBORE TOOL AND SEALING METHOD THEREFOR**
[54] **OUTIL DE TROU DE FORAGE NON ROTATIF ET METHODE D'ETANCHEISATION CONNEXE**
[72] GRAINGER, ROBERT, CA
[73] GRAINGER, ROBERT, CA
[86] (2855054)
[87] (2855054)
[22] 2012-09-24
[62] 2,790,548

- [11] 2,856,005
[13] C
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[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING FLUID STREAMING POTENTIAL**
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER LE POTENTIEL D'ECOULEMENT D'UN FLUIDE**
[72] KINLEN, PATRICK J., US
[72] ALVES, OFER, US
[73] THE BOEING COMPANY, US
[86] (2856005)
[87] (2856005)
[22] 2014-07-07
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[30] US (14/100910) 2013-12-09

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[54] **INHALATEUR COMPRENANT UNE COMPOSITION CONTENANT DU TIOTROPIUM**
[72] ZENG, XIAN-MING, US
[72] FENLON, DEREK, IE
[73] TEVA BRANDED PHARMACEUTICAL PRODUCTS R&D, INC., US
[85] 2014-05-15
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[30] US (61/577,314) 2011-12-19
[30] GB (1200504.7) 2012-01-13

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[13] C
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[25] EN
[54] **CALCULATING DOWNHOLE CARDS IN DEVIATED WELLS**
[54] **CARTES DE FOND DE Puits POUR LE CALCUL DANS DES Puits DEVIES**
[72] PONS, VICTORIA M., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-04-28
[86] 2012-10-29 (PCT/US2012/062459)
[87] (WO2013/063591)
[30] US (61/552,812) 2011-10-28
[30] US (61/598,438) 2012-02-14
[30] US (61/605,325) 2012-03-01
[30] US (61/706,489) 2012-09-27

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[25] EN
[54] **PIVOTING MUD FLAP ASSEMBLY**
[54] **ENSEMBLE GARDE-BOUE PIVOTANT**
[72] RAMSEY, JOHN EDWARD, US
[73] HENDRICKSON USA, L.L.C., US
[85] 2014-05-22
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[30] US (61/569,811) 2011-12-13

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[13] C
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[25] EN
[54] **TUBULIN INHIBITORS**
[54] **INHIBITEURS DE LA TUBULINE**
[72] BURNS, CHRISTOPHER JOHN, AU
[72] WILKS, ANDREW FREDERICK, AU
[72] HARTE, MICHAEL FRANCIS, AU
[72] SIKANYIKA, HARRISON, AU
[72] FANTINO, EMMANUELLE, AU
[72] SIMS, COLETTE GLORIA, AU
[73] YM BIOSCIENCES AUSTRALIA PTY LTD, AU
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[54] A SURFACE PROCESSING SYSTEM FOR A WORK PIECE
[54] SYSTEME DE TRAITEMENT DE SURFACE POUR UNE PIECE
[72] CHEN, QIYUE, CN
[73] WUHU HUIYING AUTOMATIC EQUIPMENT CO., LTD., CN
[86] (2857213)
[87] (2857213)
[22] 2014-07-18
[30] CN (CN201310346669.1) 2013-08-10
[30] CN (CN201310653014.9) 2013-12-06

[11] 2,857,520
[13] C

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[54] A TRANSFORM MECHANISM OF A FINISHING WHEEL FOR AN ABRASIVE BELT POLISHING FINISHER
[54] MECANISME DE TRANSFORMATION D'UNE ROUE DE FINITION POUR UN APPAREIL DE FINITION ET DE POLISSAGE A COURROIE ABRASIVE
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[73] WUHU HUIYING AUTOMATIC EQUIPMENT CO., LTD., CN
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[54] COMPOSITE LAMINE DE REMPLISSAGE DE RAYONS AVEC ELEMENT DE REMPLISSAGE DE FORME GEOMETRIQUE ET PROCEDE DE FORMATION DE CELUI-CI
[72] KAJITA, KIRK B., US
[72] FRISCH, DOUGLAS A., US
[73] THE BOEING COMPANY, US
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[54] ESSENCE D'AVIATION SANS PLOMB A INDICE D'OCTANE ELEVE
[72] SHEA, TIMOTHY MICHAEL, US
[72] BENNIS, HANANE BELMOKADDEM, US
[72] MACKNAY, MICHAEL CLIFFORD, GB
[72] DAVIES, TREVOR JAMES, GB
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[73] CHUANG, CHENG-AN, TW
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[72] BECKER, MICHAEL C., US
[72] DUSTON, JAMES D., US
[72] BIEDENSTEIN, VICTORIA L., US
[72] FISHER, STEVEN H., US
[72] MILLER, GLENN A., US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
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[54] PANNEAU COMPOSITE THERMIQUE
[72] LIVENGOOD, EDWARD T., II, US
[72] DAVIS, LYLE T., US
[73] B/E AEROSPACE, INC., US
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[54] **PROVIDING REMOTE ACCESS TO A WIRELESS COMMUNICATION DEVICE FOR CONTROLLING A DEVICE IN A HOUSING**
[54] **FOURNITURE D'ACCES A DISTANCE A UN DISPOSITIF DE COMMUNICATION SANS FIL POUR COMMANDER UN DISPOSITIF DANS UN BOITIER**
[72] GRAY, DEAN RUSSELL, AU
[72] CHOONG, JASON YEW CHOO, US
[72] ATANASOVSKI, PETER, US
[72] MAI, NIALL PETER, AU
[73] DAINTREE NETWORKS, PTY. LTD., AU
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[54] **IMPULSE VOLTAGE GENERATION DEVICE**
[54] **DISPOSITIF DE GENERATION DE TENSION PULSEE**
[72] OGAWA, HIROYUKI, JP
[72] SAKURAI, TAKAYUKI, JP
[72] YOSHIMITSU, TETSUO, JP
[72] HIROSE, TATSUYA, JP
[72] HIROSHIMA, SATOSHI, JP
[72] HIKITA, MASAYUKI, JP
[72] KOZAKO, MASAHIRO, JP
[72] UENO, TAKAHISA, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
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[54] **MACHINE DE STEREOLITHOGRAPHIE AVEC UNITE OPTIQUE AMELIOREE**
[72] COSTABEBER, ETTORRE MAURIZIO, IT
[73] COSTABEBER, ETTORRE MAURIZIO, IT
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[54] **SELF-CENTERING SEALANT APPLICATOR**
[54] **APPLICATEUR DE PRODUIT D'ETANCHEITE A CENTRAGE AUTOMATIQUE**
[72] PAJEL, CARISSA ANN, US
[72] BURGESS, ROBERT MARSHALL, US
[72] HARGRAVE, BENJAMIN PRIEST, US
[73] THE BOEING COMPANY, US
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[54] **FOUR EN SPIRALE A DEUX TAMBOURS**
[72] ROS, MICHAEL, NL
[72] STEENTJES, THOMAS F., NL
[73] TS TECHNIEK BV, NL
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[25] EN
[54] **METHODS FOR SMOOTHING WRINKLES AND SKIN TEXTURE IMPERFECTIONS**
[54] **METHODES DE LISSAGE DES RIDES ET DES IMPERFECTIONS DE LA TEXTURE DE LA PEAU**
[72] BREYFOGLE, LAURIE ELLEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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 [54] **SYSTEME DE PONCAGE**
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 [72] TRNKA, THOMAS EDWARD, US
 [73] THE BOEING COMPANY, US
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 [54] **MOUSSE DE DEPOT EN PHASE VAPEUR**
 [72] KOISO, NOBUHISA, JP
 [72] ICHIKAWA, KENTAROU, JP
 [72] AIHARA, TAKESHI, JP
 [73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
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 [54] **CENTRIFUGAL SEPARATOR WITH INLET ARRANGEMENT**
 [54] **SEPARATEUR CENTRIFUGE AYANT UNE STRUCTURE D'ADMISSION**
 [72] BORGSTROM, LEONARD, SE
 [72] HURNASTI, LASSE, SE
 [72] BULBUC, DANIEL JOHN, CA
 [72] CHILDS, DAVID HAROLD, CA
 [72] KIZIOR, THADDEUS EUGENE, CA
 [72] REID, KEVIN, CA
 [73] ALFA LAVAL CORPORATE AB, SE
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 [54] **CUTTING TOOL AND METHOD**
 [54] **OUTIL ET PROCEDE DE COUPE**
 [72] COFFLAND, DONALD WAYNE, US
 [72] ANDERSON, CHRISTINE MARY, US
 [72] BACKMAN, CURTIS LYNN, US
 [72] AYERS, AARON R., US
 [72] WRIGHT, DAVID SCOTT, US
 [72] SHAPIRO, SCOTT EDWARD, US
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 [73] THE BOEING COMPANY, US
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 [72] CHAU, CHEH-CHUN, US
 [73] MULTISORB TECHNOLOGIES, INC., US
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 [54] **POROUS BODY AND PROCESS FOR MANUFACTURING SAME**
 [54] **CORPS POREUX ET SON PROCEDE DE FABRICATION**
 [72] NEMOTO, JUNJI, JP
 [72] SOYAMA, TOSHIHIKO, JP
 [72] SAITO, TSUGUYUKI, JP
 [72] ISOGAI, AKIRA, JP
 [73] HOKUETSU KISHU PAPER CO., LTD., JP
 [73] THE UNIVERSITY OF TOKYO, JP
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 [54] **STEREOLITHOGRAPHY METHOD FOR PRODUCING A THREE-DIMENSIONAL OBJECT, COMPRISING A MOVEMENT ACCORDING TO WHICH A SUPPORTING SURFACE FOR SAID OBJECT INTERMITTENTLY APPROACHES THE BOTTOM OF A CONTAINER, AND STEREOLITHOGRAPHY MACHINE USING SAID METHOD**
 [54] **PROCEDE DE STEREOLITHOGRAPHIE SERVANT A LA PRODUCTION D'UN OBJET TRIDIMENSIONNEL, COMPRENANT UN MOUVEMENT EN FONCTION DUQUEL UNE SURFACE DE SUPPORT POUR LEDIT OBJET S'APPROCHE DE MANIERE INTERMITTENTE DU FOND D'UN RECIPIENT, ET MACHINE DE STEREOLITHOGRAPHIE UTILISANT LEDIT PROCEDE**
 [72] FORTUNATO, ROBERTO, IT
 [72] ZENERE, SERGIO, IT
 [73] DWS SRL, IT
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 [54] **IDENTIFICATION EMITTERS FOR DETERMINING MILL LIFE OF A DOWNHOLE TOOL AND METHODS OF USING SAME**
 [54] **EMETTEURS D'IDENTIFICATION POUR DETERMINER LA DUREE DE VIE DE TREPAN D'UN OUTIL DE FOND DE TROU ET LEURS PROCEDES D'UTILISATION**
 [72] PALMER, LARRY T., US
 [73] BAKER HUGHES INCORPORATED, US
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[72] DVORAK, LUBOMIR, CZ.
[73] DVORAK - SVAHOVE SEKACKY
S.R.O., CZ.
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[25] EN
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FOR VERTICAL LADDERS**
[54] **SYSTEME EMPECHANT DE
MONTER DESTINE A DES
ECHELLES**
[72] HERMES, ARTHUR, DE
[72] ROTH, SIMON, DE
[73] LOGAER MASCHINENBAU GMBH,
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[73] WOBLEN PROPERTIES GMBH, DE
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[54] **LIMITES DE DONNEES
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[72] GUTT, GREGORY M., US
[72] O'CONNOR, MICHAEL L., US
[72] AYYAGARI, ARUN, US
[72] LAWRENCE, DAVID G., US
[72] SCHMALZRIED, RACHEL, US
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COMMUNICATIONS IN MOBILE
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[54] **COMMUNICATIONS LOCALES
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RESEAUX A LARGE BANDE
MOBILES**
[72] ETEMAID, KAMRAN, US
[72] ZHANG, YUJIAN, CN
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[73] INTEL CORPORATION, US
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FOR SECURING AN UNOPPOSED
CROSS TEE TO A MAIN RUNNER**
[54] **ATTACHE DE RAIL DE PLAFOND
SUSPENDU POUR FIXER UN RAIL
TRANSVERSAL NON OPPOSE A
UN RAIL PRINCIPAL**
[72] JANKOVEC, SCOTT G., US
[73] ROCKWOOL INTERNATIONAL A/S,
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[86] (2869354)
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SYSTEM**
[54] **SYSTEME D'AFFICHAGE
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[72] KONG, LIANG, CN
[73] KONG, LIANG, CN
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[54] **METHODS AND SYSTEMS OF
MODELING HYDROCARBON
FLOW FROM LAYERED SHALE
FORMATIONS**
[54] **PROCEDES ET SYSTEMES POUR
LA MODELISATION DE
L'ECOULEMENT
D'HYDROCARBURES DE
FORMATIONS SCHISTEUSES
STRATIFIEES**
[72] GORELL, SHELDON B., US
[72] WILLIAMS, KENNETH E., US
[72] KUMAR, AMIT, US
[72] DUSTERHOFF, RONALD G., US
[73] LANDMARK GRAPHICS
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[25] EN
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FOUNDATION MODULE**
[54] **MODULE DE FONDATION
ASSEMBLE SUR PLACE**
[72] KNAPP, RYAN W., US
[72] MCGONAGLE, PETER, US
[72] O'DONNELL, MARK, US
[73] THE MACTON CORPORATION, US
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[25] EN

[54] **METHOD OF COEXISTENCE OF MULTIPLE WIRELESS FIRE SYSTEMS**

[54] **PROCEDE DE COEXISTENCE DE RESEAUX D'INCENDIE SANS FIL MULTIPLES**

[72] KORE, VINAYAK SADASHIV, US

[72] BANSAL, SAMEER, US

[72] SHARMA, GOURAV, US

[73] HONEYWELL INTERNATIONAL INC., US

[86] (2871610)

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[51] Int.Cl. C09K 21/00 (2006.01)

[25] EN

[54] **METHOD FOR PREPARING INHIBITION SLURRY CONTAINING PULVERIZED FUEL ASH FOR CONTROLLING FIRE IN COAL FIELDS**

[54] **PROCEDE DE PREPARATION DE BOUES D'EXTINCTION CONTENANT DES CENDRES VOLANTES POUR MAITRISE DE L'INCENDIE DANS LES CHAMPS DE CHARBON**

[72] QIN, BOTAO, CN

[72] LU, YI, CN

[72] ZHANG, LEILIN, CN

[72] SHEN, HONGMIN, CN

[72] JIA, YUWEI, CN

[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN

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[86] 2014-03-26 (PCT/CN2014/074072)

[87] (WO2015/007103)

[30] CN (201310299434.1) 2013-07-17

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[13] C

[51] Int.Cl. G01F 25/00 (2006.01) G01F 1/38 (2006.01)

[25] EN

[54] **DIFFERENTIAL PRESSURE TYPE FLOWMETER HAVING REDUNDANT PRESSURE SENSORS ALLOWING SENSOR FAILURE AND DEGRADATION DETECTION**

[54] **DEBITMETRE DE TYPE A PRESSION DIFFERENTIELLE COMPORTANT DES DETECTEURS DE PRESSION REDONDANTE PERMETTANT LA DETECTION DE PANNE DE DETECTEUR ET DE DEGRADATION**

[72] SITTLER, FRED C., US

[73] ROSEMOUNT INC., US

[85] 2014-11-07

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[11] 2,873,107
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[25] EN

[54] **FLEXIBLE MATERIALS FOR FLEXIBLE CONTAINERS**

[54] **MATERIAUX FLEXIBLES POUR RECIPIENTS FLEXIBLES**

[72] STANLEY, SCOTT KENDYL, US

[72] YOU, JUN, CN

[72] BOSWELL, EMILY CHARLOTTE, US

[72] ARENT, LEE MATHEW, US

[73] THE PROCTER & GAMBLE COMPANY, US

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[86] 2013-05-07 (PCT/US2013/039809)

[87] (WO2013/169688)

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[30] US (61/643,823) 2012-05-07

[30] US (61/676,042) 2012-07-26

[30] US (61/680,045) 2012-08-06

[30] US (61/727,961) 2012-11-19

[30] US (61/780,039) 2013-03-13

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[30] US (61/782,951) 2013-03-14

[30] US (61/782,859) 2013-03-14

[30] US (61/782,757) 2013-03-14

[30] US (61/789,135) 2013-03-15

[11] 2,873,261
[13] C

[51] Int.Cl. C12N 15/29 (2006.01) A61K 39/36 (2006.01) A61K 49/00 (2006.01) A61P 37/08 (2006.01) C07K 14/415 (2006.01) C12N 15/63 (2006.01) G01N 33/68 (2006.01)

[25] EN

[54] **DNA SEQUENCE, AND RECOMBINANT PREPARATION OF GROUP 4 MAJOR ALLERGENS FROM CEREALS**

[54] **SEQUENCE D'ADN ET PREPARATION D'ADN RECOMBINANT DES PRINCIPAUX ALLERGENES DU GROUPE 4 PROVENANT DE CEREALES**

[72] FIEBIG, HELMUT, DE

[72] NANDY, ANDREAS, DE

[72] CROMWELL, OLIVER, DE

[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE

[86] (2873261)

[87] (2873261)

[22] 2004-12-01

[62] 2,549,573

[30] DE (103 59 351.9) 2003-12-16

[11] 2,873,290
[13] C

[51] Int.Cl. F16M 7/00 (2006.01) B66F 7/10 (2006.01) B66F 7/28 (2006.01) F16M 5/00 (2006.01) F16M 9/00 (2006.01)

[25] EN

[54] **MACHINERY FOUNDATION MODULE**

[54] **SOCLE POUR MACHINERIE**

[72] KNAPP, RYAN W., US

[72] MCGONAGLE, PETER, US

[72] O'DONNELL, MARK, US

[73] THE MACTON CORPORATION, US

[86] (2873290)

[87] (2873290)

[22] 2014-12-02

[30] US (14/139,163) 2013-12-23

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[11] 2,874,064
[13] C

[51] Int.Cl. G03B 17/00 (2006.01) B60P 3/00 (2006.01) B66C 23/42 (2006.01) B66F 11/04 (2006.01)

[25] EN

[54] CAMERA CRANE TRANSPORT VEHICLE

[54] VEHICULE DE TRANSPORT DE GRUE DE CAMERA

[72] CHAPMAN, LEONARD T., US

[73] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US

[85] 2014-11-19

[86] 2013-05-24 (PCT/US2013/042733)

[87] (WO2013/184420)

[30] US (13/488,751) 2012-06-05

[11] 2,874,308
[13] C

[51] Int.Cl. F16K 31/06 (2006.01) F16K 31/12 (2006.01) F16K 37/00 (2006.01) F16K 51/00 (2006.01)

[25] EN

[54] FLUID CONTROL VALVE ASSEMBLY

[54] ENSEMBLE VANNE DE REGULATION DE FLUIDE

[72] LEE, KWANG HO, KR

[73] YOUNGDO IND. CO., LTD., KR

[85] 2014-11-20

[86] 2013-05-20 (PCT/KR2013/004405)

[87] (WO2013/183871)

[30] KR (10-2012-0059897) 2012-06-04

[30] KR (10-2012-0059899) 2012-06-04

[11] 2,874,685
[13] C

[51] Int.Cl. B64D 11/00 (2006.01) B64D 11/06 (2006.01)

[25] EN

[54] CLASS DIVIDING PASSENGER SEAT BULKHEAD

[54] CLOISON DE CABINE A SEPARATION DE CLASSES

[72] POZZI, ALEXANDER NICHOLAS, US

[72] HONTZ, JEFFREY W., US

[73] B/E AEROSPACE, INC., US

[85] 2014-11-24

[86] 2013-07-11 (PCT/US2013/050038)

[87] (WO2014/011850)

[30] US (61/670,409) 2012-07-11

[11] 2,875,353
[13] C

[51] Int.Cl. B01J 23/80 (2006.01) B01J 37/08 (2006.01) C07B 61/00 (2006.01) C07C 29/154 (2006.01) C07C 31/04 (2006.01)

[25] EN

[54] CATALYST FOR METHANOL PRODUCTION, METHOD OF PRODUCING THE SAME AND PROCESS OF METHANOL PRODUCTION

[54] CATALYSEUR POUR LA PRODUCTION DU METHANOL, SON PROCEDE DE PRODUCTION, ET PROCEDE DE PRODUCTION DU METHANOL

[72] GOTO, YUYA, JP

[72] TAKAHASHI, NAOYA, JP

[72] YOSHINAGA, MASAKI, JP

[72] MURAKAMI, MASAMI, JP

[73] MITSUI CHEMICALS, INC., JP

[85] 2014-12-01

[86] 2013-06-03 (PCT/JP2013/065325)

[87] (WO2013/183577)

[30] JP (2012-127031) 2012-06-04

[11] 2,876,055
[13] C

[51] Int.Cl. A47J 19/06 (2006.01) A47J 19/02 (2006.01) A47J 43/07 (2006.01)

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[54] JUICER

[54] PRESSE-AGRUMES

[72] KIM, YOUNG KI, KR

[73] KIM, YOUNG KI, KR

[85] 2014-12-08

[86] 2013-06-27 (PCT/KR2013/005675)

[87] (WO2014/003447)

[30] KR (10-2012-0071162) 2012-06-29

[30] KR (10-2013-0065189) 2013-06-07

[11] 2,876,108
[13] C

[51] Int.Cl. C13K 1/02 (2006.01) B01J 3/00 (2006.01) B09B 3/00 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01)

[25] EN

[54] BIOMASS HYDROTHERMAL DECOMPOSITION SYSTEM, SACCHARIDE SOLUTION PRODUCTION METHOD USING BIOMASS RAW MATERIAL, AND ALCOHOL PRODUCTION METHOD USING BIOMASS RAW MATERIAL

[54] SYSTEME DE DECOMPOSITION HYDROTHERMIQUE DE BIOMASSE, PROCEDE DE PRODUCTION DE SOLUTION DE SUCRE UTILISANT DE LA MATIERE DE DEPART BIOMASSE ET PROCEDE DE PRODUCTION D'ALCOOL UTILISANT DE LA MATIERE DE DEPART BIOMASSE

[72] GENTA, MINORU, JP

[72] TERAURA, SEIICHI, JP

[72] UEHARA, RYOSUKE, JP

[72] KOBAYASHI, SEIJI, JP

[73] MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD., JP

[85] 2014-12-09

[86] 2012-07-11 (PCT/JP2012/067726)

[87] (WO2014/010048)

[11] 2,876,817
[13] C

[51] Int.Cl. B64D 37/04 (2006.01) B64C 1/06 (2006.01) B64C 1/18 (2006.01)

[25] FR

[54] ROTORCRAFT EQUIPPED WITH FUEL RESERVOIRS MOUNTED SUSPENDED UNDER A LOAD CARRYING MEDIAN FLOOR OF THE ROTORCRAFT FUSELAGE

[54] GIRAVION EQUIPE DE RESERVOIRS A CARBURANT MONTES PAR SUSPENSION SOUS UN PLANCHER MEDIAN TRAVAILLANT DU FUSELAGE DU GIRAVION

[72] BISTUER, OLIVIER, FR

[72] MOUGIN, STEPHANE, FR

[72] KLOS, SEBASTIEN, FR

[73] AIRBUS HELICOPTERS, FR

[86] (2876817)

[87] (2876817)

[22] 2014-12-24

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[11] **2,877,958**
[13] C

[51] **Int.Cl. F16M 11/24 (2006.01) B66F 3/32 (2006.01) B66F 11/00 (2006.01) F16M 11/04 (2006.01) H04N 5/222 (2006.01)**

[25] EN

[54] **HYDRAULIC FLOAT DOWN VALVE FOR A CAMERA DOLLY OR CAMERA CRANE**

[54] **VALVE HYDRAULIQUE DE FREINAGE EN DESCENTE POUR CHARIOT DE CAMERA OU GRUE DE CAMERA**

[72] CHAPMAN, LEONARD T., US

[73] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US

[85] 2014-12-23

[86] 2013-07-16 (PCT/US2013/050709)

[87] (WO2014/014929)

[30] US (13/553,592) 2012-07-19

[11] **2,878,913**
[13] C

[51] **Int.Cl. B62D 21/00 (2006.01) B23K 20/12 (2006.01)**

[25] EN

[54] **FRICTION-STIR WELDED STRUCTURE**

[54] **STRUCTURE SOUDEE PAR FRICTION-MALAXAGE**

[72] HATA, TSUNEHISA, JP

[72] HIROBE, TOSHIKAZU, JP

[73] HONDA MOTOR CO., LTD., JP

[85] 2015-01-12

[86] 2013-05-30 (PCT/JP2013/064976)

[87] (WO2014/017167)

[30] JP (2012-165063) 2012-07-25

[11] **2,879,403**
[13] C

[51] **Int.Cl. F02K 3/06 (2006.01) F01D 9/02 (2006.01) F02C 7/00 (2006.01) F02C 7/04 (2006.01) F02C 7/057 (2006.01) F04D 29/54 (2006.01)**

[25] EN

[54] **ENGINE DUCT AND AIRCRAFT ENGINE**

[54] **CONDUITE DE MOTEUR ET MOTEUR D'AERONEF**

[72] KUSUDA, SHINYA, JP

[72] Ooba, YOSHINORI, JP

[73] IHI CORPORATION, JP

[85] 2015-01-16

[86] 2013-07-25 (PCT/JP2013/070171)

[87] (WO2014/017585)

[30] JP (2012-165652) 2012-07-26

[11] **2,880,364**
[13] C

[51] **Int.Cl. A61C 19/00 (2006.01)**

[25] EN

[54] **GAUZE PAD HOLDER FOR POST-SURGICAL INTRAORAL USE**

[54] **SUPPORT DE MAINTIEN D'UN TAMPON DE GAZE POUR USAGE INTRABUCCAL POST-CHIRURGICAL**

[72] TALAVERA-PERAZA, CESAR R., US

[73] TALAVERA-PERAZA, CESAR R., US

[86] (2880364)

[87] (2880364)

[22] 2015-01-30

[30] US (14189994) 2014-02-25

[11] **2,880,383**
[13] C

[51] **Int.Cl. F16C 25/04 (2006.01) B62D 3/12 (2006.01) F16C 17/02 (2006.01) F16C 29/02 (2006.01) F16C 33/20 (2006.01) F16C 35/02 (2006.01)**

[25] EN

[54] **BUSH BEARING AND RACK-AND-PINION TYPE STEERING APPARATUS FOR AUTOMOBILE USING THE SAME**

[54] **PALIER A DOUILLE ET DISPOSITIF DE DIRECTION A CREMAILLERE DESTINE A L'UTILISATION DANS L'AUTOMOBILE ET UTILISANT CELUI-CI**

[72] ODA, SHUNYA, JP

[72] NISHITANI, YOSUKE, JP

[72] NAKAGAWA, NOBORU, JP

[73] OILES CORPORATION, JP

[85] 2015-01-28

[86] 2013-06-18 (PCT/JP2013/003797)

[87] (WO2014/033992)

[30] JP (2012-190692) 2012-08-30

[11] **2,880,745**
[13] C

[51] **Int.Cl. A61L 27/12 (2006.01) A61L 27/36 (2006.01) A61L 27/50 (2006.01) A61L 27/54 (2006.01)**

[25] EN

[54] **HYDROPHILIC PHOSPHATE GROUP CONTAINING DEHYDRATED PARTIALLY PURIFIED BONE REPLACEMENT MATERIAL**

[54] **GROUPE PHOSPHATE HYDROPHILE CONTENANT UN MATERIAU DE SUBSTITUTION OSSEUSE PURIFIE ET PARTIELLEMENT DESHYDRATE**

[72] IMHOF, CORNEL, CH

[72] SCHLOSSER, LOTHAR, DE

[72] SCHAFER, BIRGIT, CH

[72] BUFLER, MICHAEL, CH

[73] GEISTLICH PHARMA AG, CH

[85] 2015-02-02

[86] 2013-07-29 (PCT/EP2013/002240)

[87] (WO2014/019672)

[30] EP (EP12005559) 2012-07-31

[30] EP (EP12005560) 2012-07-31

[11] **2,881,383**
[13] C

[51] **Int.Cl. B60D 1/14 (2006.01)**

[25] EN

[54] **GOOSENECK TOWING MODULE AND METHOD OF USE**

[54] **MODULE DE REMORQUAGE A COL DE CYGNE ET METHODE D'UTILISATION**

[72] THROOP, TODD, US

[73] TOWHIAUL CORPORATION, US

[86] (2881383)

[87] (2881383)

[22] 2015-02-10

[30] US (14/191,703) 2014-02-27

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[13] C

[51] **Int.Cl. A61K 9/52 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **ENTERIC COATED MULTIPARTICULATE CONTROLLED RELEASE PEPPERMINT OIL COMPOSITION AND RELATED METHODS**
[54] **COMPOSITION MULTIPARTICULAIRE, REVETUE, ENTERIQUE, A LIBERATION CONTROLEE D'HUILE DE MENTHE POIVREE ET PROCEDES ASSOCIES**
[72] SHAH, SYED M., US
[72] HASSAN, DANIEL, US
[72] HASSAN, FRED, US
[73] ZX PHARMA, LLC, US
[85] 2015-02-13
[86] 2013-09-23 (PCT/US2013/000217)
[87] (WO2014/175852)
[30] US (61/815,073) 2013-04-23
[30] US (61/880,294) 2013-09-20

[11] **2,883,337**
[13] C

[51] **Int.Cl. A01D 46/00 (2006.01)**
[25] EN
[54] **A METHOD FOR HARVESTING A BLUEBERRY FIELD**
[54] **UNE METHODE DE RECOLTE DESTINEE A UNE BLEUETIERE**
[72] PAULIN, DANIEL, CA
[72] PAULIN, ERIC, CA
[73] PAULIN, DANIEL, CA
[73] PAULIN, ERIC, CA
[86] (2883337)
[87] (2883337)
[22] 2015-02-27

[11] ***2,883,524**
[13] C

[51] **Int.Cl. A01G 27/00 (2006.01) A47G 33/08 (2006.01)**
[25] EN
[54] **WATERING DEVICE INCORPORATING A LIGHT SOURCE**
[54] **DISPOSITIF D'ARROSAGE INCORPORANT UNE SOURCE LUMINEUSE**
[72] ONYEKA, GEORGE, GB
[73] ONYEKA, GEORGE, GB
[85] 2015-03-02
[86] 2012-09-20 (PCT/GB2012/000734)
[87] (WO2013/041827)
[30] GB (1116401.9) 2011-09-22
[30] GB (1116557.8) 2011-09-26
[30] GB (1118278.9) 2011-10-21
[30] GB (1207122.1) 2012-04-24
[30] GB (1215386.2) 2012-08-30

[11] **2,883,794**
[13] C

[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **CEREBROSPINAL FLUID NEUROTRANSMITTER TUBE HOLDER**
[54] **SUPPORT DE TUBE DESTINE AU TEST DE NEUROTRANSMETTEUR DU LIQUIDE CEREBROSPINAL**
[72] DUNBAR, MARY J., CA
[73] DUNBAR, MARY J., CA
[86] (2883794)
[87] (2883794)
[22] 2015-03-03

[11] **2,885,589**
[13] C

[51] **Int.Cl. G01R 22/06 (2006.01) H04B 10/25 (2013.01) G01R 21/00 (2006.01) G06K 17/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATING INTELLIGENT AC OUTLETS**
[54] **METHODE ET APPAREIL D'ETALONNAGE DE PRISES CA INTELLIGENTES**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2015-03-19
[86] 2013-08-27 (PCT/US2013/056733)
[87] (WO2014/065940)
[30] US (13/661,492) 2012-10-26

[11] **2,885,953**
[13] C

[51] **Int.Cl. B64C 27/64 (2006.01) F15B 13/00 (2006.01)**
[25] FR
[54] **AIRCRAFT HYDRAULIC SYSTEM INCLUDING AT LEAST ONE SERVO, ASSOCIATED ROTOR AND AIRCRAFT**
[54] **SYSTEME HYDRAULIQUE D'AERONEF COMPRENANT AU MOINS UNE SERVOCOMMANDE, ROTOR ET AERONEF ASSOCIES**
[72] BIHEL, JEAN-ROMAIN, FR
[72] COIC, CLEMENT, FR
[72] MARGER, THIIBAUT, FR
[72] COUDERC, GERARD, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2885953)
[87] (2885953)
[22] 2015-03-23
[30] FR (14 00938) 2014-04-18

[11] **2,890,254**
[13] C

[51] **Int.Cl. B65D 77/02 (2006.01) A47G 19/00 (2006.01) B65D 1/26 (2006.01) B65D 21/02 (2006.01) B65D 43/16 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **FOOD STORAGE APPARATUS**
[54] **APPAREIL DE STOCKAGE D'ALIMENTS**
[72] PERSI, JOHN S., US
[73] PERSI ENTERPRISES LLC, US
[85] 2015-04-30
[86] 2012-10-24 (PCT/US2012/061552)
[87] (WO2013/066676)
[30] US (13/289,622) 2011-11-04

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[13] C

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[25] EN

[54] MODULAR RESISTIVITY LOGGING TOOL SYSTEMS AND METHODS

[54] SYSTEMES ET PROCEDES POUR INSTRUMENT DE DIAGRAPHIE DE RESISTIVITE DE TYPE MODULAIRE

[72] HERRERA, ADAN HERNANDEZ, US

[72] AINAPUR, ADARSH ARUN, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-05-28

[86] 2013-12-04 (PCT/US2013/073165)

[87] (WO2014/093103)

[30] US (13/713,608) 2012-12-13

[11] 2,893,341
[13] C

[51] Int.Cl. B64C 1/14 (2006.01) B64C 27/04 (2006.01) B64C 39/02 (2006.01) B64D 29/00 (2006.01) B64D 33/08 (2006.01)

[25] EN

[54] CASING OPENING/CLOSING SYSTEM OF AN UNMANNED HELICOPTER

[54] DISPOSITIF D'OUVERTURE ET DE FERMETURE DE CAPOT D'UN HELICOPTERE INHABITE

[72] ZHAO, SHUGUANG, CN

[72] QI, YONG, CN

[72] GAO, HONGWEI, CN

[73] TIANJIN AURORA UAV TECHNOLOGY CO., LTD, CN

[86] (2893341)

[87] (2893341)

[22] 2015-06-02

[30] CN (2014103153723) 2014-07-03

[11] 2,893,504
[13] C

[51] Int.Cl. A61K 38/16 (2006.01) A61P 17/02 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)

[25] EN

[54] PEPTIDE COMPOUNDS AND METHODS OF PRODUCTION AND USE THEREOF

[54] COMPOSES PEPTIDIQUES ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION

[72] PEREIRA, IL ANNE, US

[72] KASUS-JACOBI, ANNE, US

[72] GRIFFITH, GINA L., US

[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US

[85] 2015-06-03

[86] 2013-12-03 (PCT/US2013/072884)

[87] (WO2014/089088)

[30] US (61/732,750) 2012-12-03

[30] US (61/812,584) 2013-04-16

[30] US (61/813,527) 2013-04-18

[11] 2,893,552
[13] C

[51] Int.Cl. C02F 1/56 (2006.01) C10G 1/00 (2006.01) C10G 1/04 (2006.01)

[25] EN

[54] TREATING OIL SAND TAILINGS

[54] TRAITEMENT DE RESIDUS DE SABLES BITUMINEUX

[72] LIN, CHRISTOPHER, CA

[72] OLDENBURG, PAUL, US

[72] RENNARD, DAVID C., CA

[73] IMPERIAL OIL RESOURCES LIMITED, CA

[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[86] (2893552)

[87] (2893552)

[22] 2015-06-04

[11] 2,895,054
[13] C

[51] Int.Cl. C08L 101/12 (2006.01) C08K 3/16 (2006.01) C08K 3/34 (2006.01) C08L 65/00 (2006.01) C08L 79/02 (2006.01) C08L 79/04 (2006.01) C23C 22/34 (2006.01)

[25] EN

[54] CHROMIUM-FREE CONVERSION COATING

[54] REVETEMENT DE CONVERSION SANS CHROME

[72] LAPENA REY, NIEVES, US

[72] SANTA COLOMA MOZO, PATRICIA, US

[72] IZAGIRRE ETXEBERRIA, USOA, US

[72] ZUBILAGA ALCORTA, OHIANA, US

[72] CANO IRANZO, FRANCISCO J., US

[73] THE BOEING COMPANY, US

[86] (2895054)

[87] (2895054)

[22] 2015-06-17

[30] US (14/628,756) 2015-02-23

[11] 2,896,393
[13] C

[51] Int.Cl. H01H 50/00 (2006.01)

[25] EN

[54] RELAY

[54] RELAIS

[72] SASAKI, TOMOAKI, JP

[72] IMAI, TAKFUMI, JP

[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP

[86] (2896393)

[87] (2896393)

[22] 2015-07-08

[30] JP (2014-142915) 2014-07-11

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[13] C

[51] Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)

[25] EN

[54] NATURAL-LANGUAGE RENDERING OF STRUCTURED SEARCH QUERIES

[54] RENDU EN LANGAGE NATUREL DE REQUÊTES DE RECHERCHE STRUCTURÉES

[72] VEE, ERIK N., US

[72] CHATOT, OLIVIER, US

[73] FACEBOOK, INC., US

[85] 2015-06-25

[86] 2013-12-17 (PCT/US2013/075536)

[87] (WO2014/105499)

[30] US (13/731,866) 2012-12-31

[30] EP (13197468.5) 2013-12-16

[11] 2,897,110
[13] C

[51] Int.Cl. H04W 8/24 (2009.01) H04W 24/02 (2009.01)

[25] EN

[54] SYSTEM FOR INTELLIGENT CONTEXT-BASED ADJUSTMENTS OF COORDINATION AND COMMUNICATION BETWEEN MULTIPLE MOBILE HOSTS ENGAGING IN SERVICES

[54] SYSTÈME POUR DES AJUSTEMENTS INTELLIGENTS, REPOSANT SUR DES CONTEXTES, DE COORDINATION ET DE COMMUNICATION ENTRE PLUSIEURS HÔTES MOBILES

[72] FALCHUK, BENJAMIN, US

[72] LOEB, SHOSHANA K., US

[73] TELCORDIA TECHNOLOGIES, INC., US

[86] (2897110)

[87] (2897110)

[22] 2008-07-30

[62] 2,695,189

[30] US (60/962,561) 2007-07-30

[11] 2,899,082
[13] C

[51] Int.Cl. E01C 13/02 (2006.01) E01C 13/04 (2006.01) E01C 13/08 (2006.01) E04F 15/18 (2006.01)

[25] EN

[54] LOAD SUPPORTING PANEL HAVING IMPACT ABSORBING STRUCTURE

[54] PANNEAU DE SUPPORT DE CHARGE COMPRENANT UNE STRUCTURE ANTICHOC

[72] SAWYER, STEVEN LEE, IT

[73] BROCK INTERNATIONAL, US

[86] (2899082)

[87] (2899082)

[22] 2011-02-11

[62] 2,788,637

[30] US (61/303,350) 2010-02-11

[30] US (12/830,902) 2010-07-06

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[54] MACHINE ÉLECTRIQUE SANS BALAI À REFRROIDISSEMENT À AIR

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[73] ALMOTT LTD., BG

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[54] SURVEILLANCE DE L'ALIGNEMENT D'ÉTATS DE FICHIERS INFORMATIQUES À L'ÉCHELLE D'UN GROUPE D'UTILISATEURS

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[73] ULTRALIGHT TECHNOLOGIES INC., CA

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[54] LENTILLE INTRAOCULAIRE D'ACCOMMODATION, SYSTÈME DE LENTILLE ET STRUCTURE POUR LENTILLE

[72] HERMANS, ERIK AD, NL

[72] VAN DER HEIJDE, GERRIT LUDOLPH, NL

[72] TERWEE, THOMAS HENRICUS MARIE, NL

[73] AMO GRONINGEN B.V., NL

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[54] FLUSH VALVE DIAPHRAGM

[54] DIAPHRAGME DE SOUPAPE DE VIDANGE

[72] FUNARI, MICHAEL A., US

[72] DAVIS, MATTHEW C., US

[72] SCHOOLCRAFT, JOHN K., US

[73] ZURN INDUSTRIES, LLC, US

[86] (2903659)

[87] (2903659)

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[11] 2,905,047
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[54] PORT-A-POD-Y PORTABLE RESTROOM SYSTEM

[54] SYSTÈME DE TOILETTES PORTABLES

[72] VAN DER LINDE, PETER, US

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[54] **PROCESSES FOR PREPARING LITHIUM HYDROXIDE**

[54] **PROCEDES POUR LA PREPARATION D'HYDROXYDE DE LITHIUM**

[72] SYMONS, PETER, US

[72] GENDERS, J. DAVID, US

[72] BAR, DANIEL, US

[72] LANGEVIN, MARIE-EVE, US

[72] BOURASSA, GUY, CA

[72] MAGNAN, JEAN-FRANCOIS, CA

[72] PEARSE, GARY, CA

[73] NEMASKA LITHIUM INC., CA

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[54] **PLANT DE TABAC MUTAGENISE COMME CULTURE DE DEPART DESTINEE A LA PRODUCTION D'HUILE EN VUE D'USAGES ENERGETIQUES, INDUSTRIELS ET ALIMENTAIRES**

[72] FOGHER, CORRADO, IT

[73] AEP ADVANCED ECOPOWER PATENTS SA, CH

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[25] EN

[54] **FUEL CELL STACK MANUFACTURING METHOD AND MANUFACTURING DEVICE**

[54] **PROCEDE DE FABRICATION ET DISPOSITIF DE FABRICATION D'UN COEUR DE PILE A COMBUSTIBLE**

[72] ICHIHARA, KEIJI, JP

[72] HOSHINA, AKIO, JP

[72] WATANABE, HIROSHI, JP

[72] KAGEYAMA, KAZUHIRO, JP

[73] NISSAN MOTOR CO., LTD., JP

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[54] **COMPOSITE FOAMED CONTAINER**

[54] **CONTENEUR EN MOUSSE COMPOSITE**

[72] ICHIKAWA, KENTAROU, JP

[72] AKUZAWA, NORIO, JP

[72] KOISO, NOBUHISA, JP

[72] IINO, HIROKI, JP

[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP

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[54] **METHOD AND DEVICE FOR TREATING GAS BY INJECTING A POWDERED COMPOUND AND AN AQUEOUS PHASE**

[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE GAZ PAR INJECTION DE COMPOSE PULVERULENT ET DE PHASE AQUEUSE**

[72] PETTIAU, XAVIER, BE

[72] NYSSSEN, OLIVIER, BE

[72] BRASSEUR, ALAIN, BE

[72] LAUDET, ALAIN, BE

[73] S.A. LHOIST RECHERCHE ET DEVELOPEMENT, BE

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[25] EN

[54] **DETECTING CARRIERS FOR MOBILE DEVICES**

[54] **DETECTION DE PORTEUSES POUR DES DISPOSITIFS MOBILES**

[72] SHAO, WENQI, US

[72] BAIN, ALEX, US

[72] LIANG, YINGYI, US

[72] SADEWHITE, JAMES, US

[72] CHING, TSZ KUEN, US

[73] FACEBOOK, INC., US

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[25] EN

[54] **BIFURCATED PROCESSOR HAZARD DETECTION SYSTEMS**

[54] **SYSTEMES DE DETECTION DE DANGER A PROCESSEUR BIFURQUE**

[72] SMITH, IAN C., US

[72] WARREN, DANIEL ADAM, US

[72] MULLINS, SCOTT, US

[72] CONNER, BRIAN JONATHAN, US

[73] GOOGLE INC., US

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[25] EN

[54] **PREDEFINING ELEMENTS OF A CEMENTED WELLBORE**

[54] **ELEMENTS DE PREDEFINITION D'UN PUIT DE FORAGE CIMENTE**

[72] WHALLEY, ANDREW JAMES, CA

[72] GOSLING, PETER, CA

[72] URDANETA, GUSTAVO ADOLFO, US

[73] LANDMARK GRAPHICS CORPORATION, US

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[86] 2013-10-08 (PCT/US2013/063903)

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[51] Int.Cl. G21B 1/11 (2006.01) G21B 1/03 (2006.01) G21B 1/15 (2006.01)

[25] EN

[54] **SYSTEM FOR INERTIALLY COMPRESSING A FUSION FUEL PELLET WITH TEMPORALLY SPACED X-RAY PULSES**

[54] **SYSTEME DE COMPRESSION INERTIELLE D'UNE PASTILLE DE COMBUSTIBLE DE FUSION A IMPULSIONS DE RAYONNEMENT X ESPACEES DANS LE TEMPS**

[72] BIRNBACH, CURTIS A., US

[73] ADVANCED FUSION SYSTEMS LLC, US

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[25] EN

[54] **SELF-DEPLOYING SERVICE STEP**

[54] **ETAPE DE MAINTENANCE AUTODEPLOYANTE**

[72] ANGELO, GERALD J., US

[73] PACCAR INC, US

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[25] EN

[54] **COATING MATERIAL DISTRIBUTION USING SIMULTANEOUS ROTATION AND VIBRATION**

[54] **MATERIAU DE REVETEMENT PAR UTILISATION D'UNE ROTATION ET D'UNE VIBRATION SIMULTANEE**

[72] RYABOVA, ELMIRA, US

[72] RYABOV, VALENTIN, US

[73] ADVENIRA ENTERPRISES, INC., US

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[87] (WO2015/084490)

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[25] EN

[54] **CAMERA DOLLY**

[54] **CHARIOT DE CAMERA**

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[73] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US

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[13] A1
[51] Int.Cl. A45F 5/02 (2006.01) A45C 11/04 (2006.01)
[25] EN
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[54] BOITIER A LUNETTES MAGNETISE
[72] GIRARD, LEN M., CA
[71] GIRARD, LEN M., CA
[22] 2015-05-07
[41] 2016-11-07

[21] 2,887,186
[13] A1
[51] Int.Cl. H01L 21/58 (2006.01) H01L 25/00 (2006.01) H01L 33/00 (2010.01)
[25] EN
[54] SELECTIVE TRANSFERRING AND BONDING OF PRE-FABRICATED MICRO-DEVICES
[54] TRANSFERT ET LIAISON SELECTIFS DE MICRO-DISPOSITIFS PREFABRIQUES
[72] CHAJI, GHOLAMREZA, CA
[72] FATHI, EHSANALLAH, CA
[71] IGNIS INNOVATION INC., CA
[22] 2015-05-12
[41] 2016-11-12

[21] 2,890,541
[13] A1
[51] Int.Cl. C23F 13/20 (2006.01)
[25] EN
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[54] PROTECTION CATHODIQUE ASSUREE PAR L'INDUCTION D'UN COURANT DIRECT
[72] STONE, CHRISTIEN R., CA
[71] STONE, CHRISTIEN R., CA
[22] 2015-05-07
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[51] Int.Cl. C07K 14/33 (2006.01) A61K 39/08 (2006.01) A61K 39/385 (2006.01) A61K 39/40 (2006.01) C07K 16/12 (2006.01) C07K 17/02 (2006.01) C07K 19/00 (2006.01) C12P 21/02 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01)
[25] EN
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[54] VACCIN CONTRE LE CLOSTRIDIUM DIFFICILE
[72] LOGAN, SUSAN M., CA
[72] TWINE, SUSAN M., CA
[72] AUBRY, ANNIE, CA
[72] FULTON, KELLY, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA (NRC), CA
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[13] A1
[51] Int.Cl. C08F 4/16 (2006.01) C08F 4/02 (2006.01) C08F 10/02 (2006.01)
[25] EN
[54] PROCESS FOR POLYMERIZATION USING DENSE AND SPHERICAL ZIEGLER-NATTA TYPE CATALYST
[54] PROCEDE DE POLYMERISATION AU MOYEN DE CATALYSEUR DE TYPE ZIEGLER-NATTA SPHERIQUE DENSE
[72] WANG, QINYAN, CA
[72] KONDAGE, SAVINI UDARA SUDUWELL, AU
[72] KELLY, MARK, CA
[72] BALTIMORE, AMY MARIE, CA
[72] LOGAN, JESSAMYN ROSS, CA
[72] CRAIG, TYLER, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[51] Int.Cl. C09K 8/04 (2006.01) C09K 8/588 (2006.01) E21B 21/00 (2006.01) E21B 21/14 (2006.01)
[25] EN
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[54] FLUIDES DE FORAGE AQUEUX DESTINES A L'ENCAPSULATION DE POLYMERES DOUBLE
[72] MIRZAEI, AMIR A., CA
[72] RAD, HIRBOD, CA
[71] UNIQUEM INC., CA
[22] 2015-05-06
[41] 2016-11-06

[21] 2,890,696
[13] A1
[51] Int.Cl. F28C 1/14 (2006.01) F28C 1/16 (2006.01) F28F 25/12 (2006.01)
[25] EN
[54] AIR-TO-AIR HEAT EXCHANGER BYPASS FOR WET COOLING TOWER APPARATUS AND METHOD
[54] DEVIATION D'ECHANGEUR DE CHALEUR AIR-AIR DESTINE A UN APPAREILLAGE DE TOUR DE REFROIDISSEMENT HUMIDE ET METHODE
[72] MOCKRY, ELIDON F., US
[72] MORTENSEN, KENNETH P., US
[72] HICKMAN, CRAIG J., US
[71] SPX COOLING TECHNOLOGIES, INC., US
[22] 2015-05-06
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[13] A1
[51] **Int.Cl. A43B 13/38 (2006.01) A43B 11/00 (2006.01) A43B 13/36 (2006.01) A45B 3/00 (2006.01) A45B 7/00 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **ERGONOMIC SHOE AND BOOT GRIP APPARATUS**
[54] **APPAREIL DE SAISIE DE BOTTE ET CHAUSSURE ERGONOMIQUE**
[72] GELLER, BRANDON, CA
[71] GELLER, BRANDON, CA
[22] 2015-05-08
[41] 2016-11-08

[21] **2,890,738**
[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) F28C 1/00 (2006.01) F28F 25/00 (2006.01) F28G 13/00 (2006.01) G01N 27/10 (2006.01)**
[25] EN
[54] **WATER DISINFECTION APPARATUS AND METHOD FOR DISINFECTION OF RECIRCULATED WATER IN A COOLING TOWER**
[54] **APPAREIL DE DESINFECTION DE L'EAU ET METHODE DE DESINFECTION DE L'EAU RECIRCULEE DANS UNE TOUR DE REFROIDISSEMENT**
[72] GILBERT, DAVE, CA
[71] EMO3 INC., CA
[22] 2015-05-08
[41] 2016-11-08

[21] **2,890,888**
[13] A1
[51] **Int.Cl. C12Q 1/48 (2006.01) A01G 17/00 (2006.01) A61K 31/05 (2006.01) A61K 31/7034 (2006.01) A61K 36/87 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) A01H 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING NUTRACEUTICAL PHYTOCHEMICALS IN GRAPES**
[54] **PROCEDE DE DIMINUTION DES ELEMENTS PHYTOCHIMIQUES NUTRACEUTIQUES DANS LES RAISINS**
[72] DE LUCA, VINCENZO, CA
[72] INGLIS, DEBRA, CA
[71] SWEET & STICKY INC., CA
[71] DE LUCA, VINCENZO, CA
[71] INGLIS, DEBRA, CA
[22] 2015-05-08
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[21] **2,890,971**
[13] A1
[51] **Int.Cl. G01M 3/00 (2006.01)**
[25] EN
[54] **CONTAINMENT INTEGRITY SENSOR DEVICE**
[54] **DISPOSITIF DETECTEUR D'INTEGRITE DE CONFINEMENT**
[72] SLUPSKY, STEVEN, CA
[72] SELLATHAMBY, CHRISTOPHER, CA
[71] SCANIMETRICS INC., CA
[22] 2015-05-12
[41] 2016-11-12
[30] US (61992077) 2015-05-12

[21] **2,890,974**
[13] A1
[51] **Int.Cl. F04B 53/00 (2006.01) E21B 43/12 (2006.01) F04B 47/06 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **METHOD OF SUPPLYING FLUID TO AN ELECTRIC SUBMERSIBLE PUMP**
[54] **METHODE D'APPROVISIONNEMENT DE FLUIDE A UNE POMPE SUBMERSIBLE ELECTRIQUE**
[72] CHALIFOUX, GERALD, CA
[72] JONES, CLINT, CA
[71] PETROSPEC ENGINEERING LTD., CA
[22] 2015-05-12
[41] 2016-11-12

[21] **2,890,976**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **TREATMENT OF TAILINGS WITH MAGNETIC PARTICLES**
[54] **TRAITEMENT DE RESIDUS AU MOYEN DE PARTICULES MAGNETIQUES**
[72] BELANGER, PAUL, CA
[71] ADVANCED CONSERVATION TECHNOLOGIES INC., CA
[22] 2015-05-12
[41] 2016-11-12

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[13] A1

[51] Int.Cl. A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/44 (2006.01) A61K 8/64 (2006.01) A61K 31/198 (2006.01) A61K 31/4741 (2006.01) A61K 35/04 (2006.01) A61K 36/00 (2006.01) A61K 36/185 (2006.01) A61K 36/258 (2006.01) A61K 36/31 (2006.01) A61K 36/324 (2006.01) A61K 36/36 (2006.01) A61K 36/481 (2006.01) A61K 36/55 (2006.01) A61K 36/736 (2006.01) A61K 36/81 (2006.01) A61K 36/9066 (2006.01) A61K 38/06 (2006.01) A61K 38/48 (2006.01) A61Q 19/08 (2006.01)

[25] EN

[54] THE FORMULATIONS OR FORMULAS AND COMBINATIONS OF INGREDIENTS OF AN AGE DEFYING PRODUCT (S) – MT-1000, SECOND AND THIRD GENERATIONS, WHICH ARE FOR ANTI-AGING, REVERSING AGE AND CORRECTING AGE ASSOCIATED DISEASES THROUGH REACTIVATING TELOMERE ENZYME AND REDUCING IGF-1

[54] LES FORMULATIONS OU LES FORMULES ET COMBINAISONS D'INGREDIENTS DE PRODUIT ANTI-AGE (S) – MT-1000, DEUXIEME ET TROISIEME GENERATIONS, QUI VISENT L'ANTI-VIEILLISSEMENT, LE RAJEUNISSEMENT ET LES SOINS RELATIVEMENT AUX MALADIES ASSOCIEES A L'AGE PAR LA REACTIVATION DE L'ENZYME TELOMERE ET LA REDUCTION D'IGF-1

[72] JIAN, MING, CA
[71] JIAN, MING, CA
[22] 2015-05-11
[41] 2016-11-11

[21] 2,890,999
[13] A1

[51] Int.Cl. A01K 47/00 (2006.01) A01K 47/06 (2006.01)

[25] EN

[54] BEE NEST SURROUND WITH MULTI-PIECE BACKING AND SEPARATE ATTACHABLE SIDE WALLS

[54] ENVELOPPE EN NID D'ABEILLE DOTE D'ENDOS A PLUSIEURS PIECES ET DE PAROIS LATERALES ATTACHABLES SEPARABLES

[72] DEAN, BRENT D., CA
[71] HWY 123 FARMS LTD., CA
[22] 2015-05-08
[41] 2016-11-08

[21] 2,891,001
[13] A1

[51] Int.Cl. G02C 9/00 (2006.01) G02B 27/01 (2006.01)

[25] EN

[54] ADAPTER SUPPORTING HEADS-UP DISPLAY ON SAFETY GLASSES

[54] ADAPTATEUR SUPPORTANT L'AFFICHAGE FRONTAL SUR LES VERRES DE SECURITE

[72] ENNS, DAVID A., CA
[72] NADLER, RYAN, CA
[72] KULCHYCKI, MARK, CA
[71] VISUALSPECTION INC., CA
[22] 2015-05-08
[41] 2016-11-08

[21] 2,891,018
[13] A1

[51] Int.Cl. H04W 84/18 (2009.01) H04W 4/00 (2009.01) H04W 88/00 (2009.01) A01F 25/00 (2006.01) A01F 25/14 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR COMMUNICATING GRAIN BIN CONDITION DATA TO A SMARTPHONE

[54] SYSTEME ET METHODE DE COMMUNICATION DE DONNEES D'ETAT DE BAC A GRAINS VERS UN TELEPHONE INTELLIGENT

[72] FOLK, KYLE, CA
[71] INTRAGRAIN TECHNOLOGIES INC., CA
[22] 2015-05-07
[41] 2016-11-07

[21] 2,891,020
[13] A1

[51] Int.Cl. G09B 23/06 (2006.01) G09B 27/06 (2006.01)

[25] EN

[54] MOON PHASES, LUNAR ECLIPSES, SOLAR ECLIPSES AND SEASONS DISPLAY SYSTEM

[54] DISPOSITIF D'AFFICHAGE DES PHASES LUNAIRES, DES ECLIPSES LUNAIRES, DES ECLIPSES SOLAIRES ET DES SAISONS

[72] LOZADA, PAULINO J., CA
[71] LOZADA, PAULINO J., CA
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[54] HYDRO-SEMOIR DOTE D'UN TRANSPORTEUR A VIS PIVOTANT

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[71] DOUBLE T EQUIPMENT LTD., CA
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[41] 2016-11-12
[30] US (14/709,557) 2015-05-12

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[51] Int.Cl. F16L 37/32 (2006.01) F24F 1/02 (2011.01) F24F 13/22 (2006.01)

[25] EN

[54] WATER-SEAL CONNECTOR AND AIR-CONDITIONING DEVICE WITH THE SAME

[54] CONNECTEUR ETANCHE A L'EAU ET DISPOSITIF DE CONDITIONNEMENT DE L'AIR COMPORTANT LEDIT CONNECTEUR

[72] CHIU, MING-TSUNG, TW
[71] NEW WIDETECH INDUSTRIES CO., LTD., TW
[22] 2015-05-11
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[25] EN

[54] MULTIFUNCTION LETTER OPENER

[54] OUVRE-LETTRE MULTIFONCTION

[72] HUYNH, NAM N., CA

[71] HUYNH, NAM N., CA

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[41] 2016-11-08

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[13] A1

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[54] THE LEVER LOCKING MECHANISM

[54] LE MECANISME DE VERROU A LEVIER

[72] FAN, HIN H. F., CA

[71] FAN, HIN H. F., CA

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[41] 2016-11-12

[21] 2,892,324
[13] A1

[51] Int.Cl. G06Q 40/04 (2012.01)

[25] EN

[54] SYSTEMS AND METHODS FOR IMPLEMENTING TRADING AND GLOBAL MATCHING BASED ON REQUEST AND OFFER OF LIQUIDITY

[54] SYSTEMES ET METHODES DE MISE EN OEUVRE D'ECHANGE ET DE MISE EN CONCORDANCE FONDES SUR LA DEMANDE ET L'OFFRE DE LIQUIDITE

[72] CICERO, FRANCESCO, GB

[72] PREST, SIMON, GB

[71] GFI GROUP, INC., US

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[41] 2016-11-11

[30] US (14/708,451) 2015-05-11

[21] 2,894,111
[13] A1

[51] Int.Cl. E01H 5/06 (2006.01) B62D 5/06 (2006.01)

[25] EN

[54] BI-DIRECTIONAL TOWED SNOWPLOW AND METHOD OF PLOWING

[54] CHASSE-NEIGE REMORQUE BIDIRECTIONNEL ET METHODE D'ENLEVEMENT DE LA NEIGE

[72] MANION, LEO P., CA

[72] MISHRA, AMIYA, CA

[72] REEVES, WILLIAM J., CA

[72] SIMPSON, GERALD N., CA

[71] CIVES CORPORATION, US

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[41] 2016-11-12

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[25] EN

[54] LIGHTED MUNICIPAL VALVE KEY

[54] CLE DE VANNE MUNICIPALE ECLAIREE

[72] SMITH, CHARLES, US

[72] CONVENTRY, GREGORY, US

[71] CPI EXCAVATING INC., US

[22] 2015-06-18

[41] 2016-11-06

[30] US (14/705,622) 2015-05-06

[21] 2,895,887
[13] A1

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[54] SUPPORT DE POITRINE DESTINE A UN VETEMENT OU A UNE PARTIE D'UN VETEMENT

[72] YIP, KWAN YIN, HK

[71] CLOVER MYSTIQUE CO. LIMITED, HK

[22] 2015-06-29

[41] 2016-11-09

[30] US (14/708,200) 2015-05-09

[21] 2,901,949
[13] A1

[51] Int.Cl. G06Q 20/32 (2012.01) G06Q 20/20 (2012.01)

[25] EN

[54] MOBILE CASH CHANGE MANAGEMENT SYSTEM AND METHOD, AND FINANCIAL CONTRIBUTION AND SHARING SYSTEM AND METHOD ASSOCIATED THEREWITH

[54] SYSTEME DE GESTION D'ECHANGE DE MONNAIE MOBILE ET METHODE, ET CONTRIBUTION FINANCIERE ET SYSTEME DE PARTAGE ET METHODE ASSOCIEE

[72] CAMPS, TOM, CA

[72] WEERASINGHE, PASAN, CA

[72] STANSBY, NEAL, CA

[72] NIELSEN, ROBERT, CA

[71] CHANGEJAR INC., CA

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[41] 2016-11-07

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[30] US (62/158,427) 2015-05-07

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[13] A1

[51] Int.Cl. A41D 13/12 (2006.01)

[25] EN

[54] QUICK DONNING HOSPITAL GOWN

[54] CHEMISE D'HOPITAL ENFILABLE RAPIDEMENT

[72] CLAUDE, MICHAEL A., US

[71] MAGFAST, LLC, US

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[41] 2016-11-08

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[30] US (14/734,204) 2015-06-09

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[13] A1

[51] Int.Cl. E04H 6/02 (2006.01) B64F 3/00 (2006.01) E04H 15/02 (2006.01)

[25] EN

[54] AIRCRAFT SHELTER

[54] ABRI POUR AERONEF

[72] JOSDAL, TYRONE, CA

[71] JOSDAL, TYRONE, CA

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[41] 2016-11-07

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[13] A1

[51] Int.Cl. B01D 35/157 (2006.01)
[25] EN
[54] **A FILTER HAVING AN
AUTOMATIC CONTROL OF
FLOW**
[54] **UN FILTRE OFFRANT UNE
COMMANDE AUTOMATIQUE DE
L'ECOULEMENT**
[72] LIN, JACK, CN
[71] KEMFLO (NANJING)
ENVIRONMENTAL TECHNOLOGY
CO., LTD., CN
[71] KEMFLO INTERNATIONAL CO.,
LTD., TW
[71] LIN, CHING SHIUNG, TW
[22] 2015-09-22
[41] 2016-11-12
[30] CN (201520303862.1) 2015-05-12

[21] 2,909,862
[13] A1

[51] Int.Cl. B01D 35/157 (2006.01)
[25] EN
[54] **A FILTER HAVING AN
AUTOMATIC CONTROL OF
FLOW**
[54] **UN FILTRE OFFRANT UNE
COMMANDE AUTOMATIQUE DE
L'ECOULEMENT**
[72] LIN, JACK, CN
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[21] 2,922,179
[13] A1

[51] Int.Cl. B65D 43/02 (2006.01) B65D
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[25] EN
[54] **LIGHTWEIGHT CLOSURE WITH
TAMPER BAND**
[54] **FERMETURE LEGERE DOTEE
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[72] KIM, SUNGSUK STEVE, US
[71] SILGAN WHITE CAP LLC, US
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[21] 2,922,517
[13] A1

[51] Int.Cl. F02C 7/24 (2006.01) F01D
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[25] EN
[54] **SYSTEM FOR THERMALLY
SHIELDING A PORTION OF A
GAS TURBINE SHROUD
ASSEMBLY**
[54] **SYSTEME DE PROTECTION
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[72] SHAPIRO, JASON DAVID, US
[71] GENERAL ELECTRIC COMPANY,
US
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[41] 2016-11-11
[30] US (14/708,385) 2015-05-11

[21] 2,923,114
[13] A1

[51] Int.Cl. B42B 5/12 (2006.01) B42D 1/06
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[25] EN
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[71] MOORE, WILLIAM P. A., CA
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[41] 2016-11-08

[21] 2,923,478
[13] A1

[51] Int.Cl. B64C 23/00 (2006.01)
[25] EN
[54] **COLOR APPLICATIONS FOR
AERODYNAMIC
MICROSTRUCTURES**
[54] **APPLICATIONS DE COULEUR
DESTINEES A DES
MICROSTRUCTURES
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[72] RAWLINGS, DIANE C., US
[71] THE BOEING COMPANY, US
[22] 2016-03-10
[41] 2016-11-06
[30] US (14/705564) 2015-05-06

[21] 2,923,512
[13] A1

[51] Int.Cl. B64C 21/10 (2006.01) B64C
1/38 (2006.01) F15D 1/12 (2006.01)
[25] EN
[54] **AERODYNAMIC
MICROSTRUCTURES HAVING
SUB-MICROSTRUCTURES**
[54] **MICROSTRUCTURES
AERODYNAMIQUES
RENFERMANT DES
MICROSTRUCTURES**
[72] WILLIAMS, TIMOTHY LEROY, US
[72] RAWLINGS, DIANE C., US
[71] THE BOEING COMPANY, US
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[41] 2016-11-06
[30] US (14/705569) 2015-05-06

[21] 2,924,299
[13] A1

[51] Int.Cl. B01D 29/39 (2006.01) C12P
1/00 (2006.01)
[25] EN
[54] **FLUID TREATMENT MODULE
AND ASSEMBLY**
[54] **MODULE DE FLUIDE DE
TRAITEMENT ET ASSEMBLAGE**
[72] LEIBNITZ, RUDIGER, DE
[72] MENG, MANUELA, DE
[72] FRIEDRICH, ESTHER, DE
[71] PALL CORPORATION, US
[22] 2016-03-18
[41] 2016-11-11
[30] EP (15 167 208.6) 2015-05-11

[21] 2,924,327
[13] A1

[51] Int.Cl. E06B 9/02 (2006.01) E06C 9/10
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[25] EN
[54] **SECURITY AND ESCAPE
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WINDOW**
[54] **APPAREIL DE SECURITE ET
D'EVACUATION DESTINE A
ETRE UTILISE DANS UNE
FENETRE**
[72] ROWLEY, DEAN, CA
[72] DEVLOO, BRYAN, CA
[71] ROWLEY, DEAN, CA
[71] DEVLOO, BRYAN, CA
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[41] 2016-11-11
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[13] A1

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[25] EN
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[54] DETECTION D'UNE CIBLE MAGNETIQUE
[72] FAVILLA, STEPHAN JOEL, US
[72] MERKLEY, ALAN RAY, US
[71] THE BOEING COMPANY, US
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[41] 2016-11-12
[30] US (14/710,555) 2015-05-12

[21] 2,924,949
[13] A1

[51] Int.Cl. A61J 7/04 (2006.01) A61B 90/90 (2016.01) G08B 21/02 (2006.01)
[25] EN
[54] MEDICATION ADMINISTRATION APPARATUS
[54] APPAREIL D'ADMINISTRATION DE MEDICATION
[72] WAUGH, DONALD CRAIG, CA
[72] WAUGH, DONALD SPENCER, CA
[72] COOK, EVAN DAVID, CA
[72] REEVES, NICHOLAS JAMES, CA
[72] MOULINE, NIKITA, CA
[72] UITTENBOSCH, TREVOR, CA
[71] ACEAGE INC., CA
[22] 2016-03-24
[41] 2016-11-06
[30] US (62/157,858) 2015-05-06

[21] 2,925,630
[13] A1

[51] Int.Cl. F25B 30/00 (2006.01) F28D 15/00 (2006.01)
[25] EN
[54] REAL-TIME PASSIVE COOLING APPARATUS WITH OPTIONAL INTEGRATED STORAGE
[54] APPAREIL DE REFROIDISSEMENT PASSIF EN TEMPS REEL OFFRANT UN RANGEMENT INTEGRE FACULTATIF
[72] BIBEAU, ERIC L., CA
[71] UNIVERSITY OF MANITOBA, CA
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[41] 2016-11-07
[30] US (62/158,264) 2015-05-07

[21] 2,926,275
[13] A1

[51] Int.Cl. C09D 11/38 (2014.01) A01N 25/10 (2006.01) A01N 59/16 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01)
[25] EN
[54] ANTI-BACTERIAL AQUEOUS INK COMPOSITIONS COMPRISING SELF-DISPERSED SULFONATED POLYESTER-SILVER NANOPARTICLE COMPOSITES
[54] COMPOSITIONS D'ENCRE AQUEUSES ANTIBACTERIENNES RENFERMANT DES COMPOSITES DE NANOPARTICULES ARGENT-POLYESTER SULFONEES AUTO-DISPERSEES
[72] FARRUGIA, VALERIE M., CA
[72] DESOUZA, ALANA RAIL, CA
[71] XEROX CORPORATION, US
[22] 2016-04-05
[41] 2016-11-07
[30] US (14/706097) 2015-05-07

[21] 2,926,276
[13] A1

[51] Int.Cl. C08J 5/02 (2006.01) B82Y 30/00 (2011.01) C09D 11/52 (2014.01) C08J 3/20 (2006.01) C08J 7/04 (2006.01) C08K 3/08 (2006.01) C08L 25/14 (2006.01) C09D 11/00 (2014.01) G03G 9/093 (2006.01)
[25] EN
[54] METALLO IONOMER POLYMERS
[54] POLYMERES IONOMERES METALLIQUES
[72] FARRUGIA, VALERIE M., CA
[72] CHI, WENDY, CA
[72] GARDNER, SANDRA J., CA
[71] XEROX CORPORATION, US
[22] 2016-04-05
[41] 2016-11-07
[30] US (14/706027) 2015-05-07

[21] 2,926,675
[13] A1

[51] Int.Cl. H04W 4/06 (2009.01) H04H 20/38 (2009.01) H04H 20/57 (2009.01) H04W 12/06 (2009.01) H02J 13/00 (2006.01) H04B 5/00 (2006.01)
[25] EN
[54] POWER OVER ETHERNET ADAPTER WITH COMMUNICATION DEVICE AND METHOD OF PROGRAMMING AND USING SAME
[54] ADAPTATEUR D'ALIMENTATION PAR ETHERNET DOTE D'UN DISPOSITIF DE COMMUNICATION ET METHODE DE PROGRAMMATION ET D'UTILISATION ASSOCIEE
[72] HILLIER, PETER MATTHEW, CA
[72] BURTON, SCOTT RICHARD, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2016-04-11
[41] 2016-11-07
[30] US (14/706826) 2015-05-07

[21] 2,926,848
[13] A1

[51] Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/94 (2006.01)
[25] EN
[54] SURGICAL INSTRUMENT WITH ARTICULATION ASSEMBLY
[54] INSTRUMENT CHIRURGICAL DOTE D'UN DISPOSITIF ARTICULE
[72] SRINIVAS, JITENDRA BHARGAVA, IN
[72] SHANKARSETTY, JEEVAN MADUR, IN
[71] COVIDIEN LP, US
[22] 2016-04-12
[41] 2016-11-06
[30] US (14/705,176) 2015-05-06

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[21] 2,926,989
[13] A1

[51] **Int.Cl. B05D 3/06 (2006.01) C09D 7/14 (2006.01)**
[25] EN
[54] **DEVICE FOR HARDENING A COATING ON AN INNER WALL OF A CONDUIT HAVING AN OVAL CROSS SECTION**
[54] **DISPOSITIF DE DURCISSEMENT D'UN REVETEMENT SUR UNE PAROI INTERIEURE D'UN CONDUIT A SECTION TRANSVERSALE OVALE**
[72] PRETSCH, RALF, DE
[72] RUTH, CHRISTIAN, DE
[71] HERAEUS NOBLELIGHT GMBH, DE
[22] 2016-04-13
[41] 2016-11-07
[30] DE (10 2015 107 129.0) 2015-05-07

[21] 2,927,874
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/12 (2006.01) A61F 2/04 (2013.01)**
[25] EN
[54] **ELECTROLYTIC DETACHMENT FOR IMPLANT DELIVERY SYSTEMS**
[54] **ACCESSOIRE ELECTROLYTIQUE DESTINE AUX SYSTEMES DE POSITIONNEMENT D'IMPLANT**
[72] MA, JIANLU, US
[71] COVIDIEN LP, US
[22] 2016-04-21
[41] 2016-11-11
[30] US (14/708,661) 2015-05-11

[21] 2,927,982
[13] A1

[51] **Int.Cl. A62B 17/00 (2006.01) A41D 13/00 (2006.01) A41D 13/005 (2006.01)**
[25] EN
[54] **CLOTH HAVING GAS SHEET**
[54] **TISSU RENFERMANT UNE COUCHE DE GAZ**
[72] LEE, SANG GEUN, KR
[71] LEE, SANG GEUN, KR
[22] 2016-04-22
[41] 2016-11-12
[30] KR (10-2015-0066066) 2015-05-12

[21] 2,927,991
[13] A1

[51] **Int.Cl. C09J 133/06 (2006.01) C09J 7/02 (2006.01) C09J 11/00 (2006.01)**
[25] EN
[54] **PRESSURE SENSITIVE ADHESIVE**
[54] **ADHESIF SENSIBLE A LA PRESSION**
[72] MELNIKOVA, ALIONA, DE
[72] HANSEN, SVEN, DE
[72] MUSSIG, BERNHARD, DE
[72] SCHMIDT-LEHR, SEBASTIAN, DE
[71] TESA SE, DE
[22] 2016-04-22
[41] 2016-11-12
[30] DE (10 2015 208 792.1) 2015-05-12

[21] 2,928,072
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRESENTING STORE SALES DATA TO A MOBILE ELECTRONIC DEVICE**
[54] **SYSTEMES ET METHODES DE PRESENTATION DE DONNEES DE VENTE DE MAGASIN SUR UN DISPOSITIF ELECTRONIQUE MOBILE**
[72] PARACHA, ZULFIQAR ALI, US
[72] OSMON, JOSHUA DAVID, US
[72] PFLEGING, RACHEL MARIE, US
[72] HARRISON, BRIAN CASEY, US
[72] PIECH, WILLIAM ROBERT, US
[72] THANGARAJ, MAHESH SUNDAR, US

[72] BURGE, BRIAN DEWAYNE, US
[72] HELMS, ANTHONY WILLIAM, US
[72] D'SOUZA, DERRIC, US
[72] TYLER, LARRY MICHAEL, II, US
[72] FISCHER, MICHAEL ANDREW BUDELL, US
[71] WAL-MART STORES, INC., US
[22] 2016-04-25
[41] 2016-11-07
[30] US (62/158,101) 2015-05-07

[21] 2,928,076
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01) A61B 18/12 (2006.01) A61B 18/14 (2006.01) A61M 25/09 (2006.01)**
[25] EN
[54] **SPRING-LOADED BALLOON**
[54] **BALLONNET COMPORTANT UN RESSORT**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] KEYES, JOSEPH THOMAS, US
[72] HETTEL, ROWAN OLUND, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-04-25
[41] 2016-11-07
[30] US (14/706,058) 2015-05-07

[21] 2,928,168
[13] A1

[51] **Int.Cl. B07C 5/04 (2006.01)**
[25] EN
[54] **GOODS PROCESSING APPARATUS TO PLACE AND SINGULARIZE FLAT GOODS AND METHOD**
[54] **APPAREIL DE TRAITEMENT DE BIENS SERVANT A PLACER ET SINGULARISER DES BIENS PLATS, ET METHODE**
[72] MUHL, WOLFGANG, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2016-04-28
[41] 2016-11-07
[30] DE (20 2015 102 333.2) 2015-05-07

[21] 2,928,177
[13] A1

[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/10 (2006.01)**
[25] EN
[54] **TURBINE BAND ANTI-CHORDING FLANGES**
[54] **BRIDES ANTI-RACCOURCISSEMENT DU PAS DE BANDE DE TURBINE**
[72] CORREIA, VICTOR HUGO SILVA, US
[72] CORSETTI, BRIAN KENNETH, US
[72] BROOMER, MARK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-07
[30] US (14/706,003) 2015-05-07

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[21] 2,928,179
[13] A1

[51] Int.Cl. F03D 13/10 (2016.01)
[25] EN
[54] **SYSTEM AND METHOD FOR REPLACING A PITCH BEARING**
[54] **SYSTEME ET METHODE DE REMPLACEMENT D'UN PALIER DE PAS**
[72] NEUMANN, ULRICH WERNER, US
[72] DAVIS, ADAM S., US
[72] PFEIFFER, GAYLON MITCHELL, US
[72] JOHNSON, MICHAEL R., US
[72] HACH, FORREST CHRISTOPHER, US
[72] COSTAIN, KEVIN, US
[72] WILLMAN, STEPHANIE, US
[72] WILMOT, THEODORE STEVEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-07
[30] US (14/706,458) 2015-05-07

[21] 2,928,187
[13] A1

[51] Int.Cl. F03D 13/10 (2016.01)
[25] EN
[54] **UP-TOWER SUSPENSION SYSTEM FOR A WIND TURBINE ROTOR BLADE**
[54] **SYSTEME DE SUSPENSION EN HAUT DE TOUR DESTINE A UNE PALE DE ROTOR D'EOLIENNE**
[72] NEUMANN, ULRICH WERNER, US
[72] PFEIFFER, GAYLON MITCHELL, US
[72] COSTAIN, KEVIN, US
[72] WILLMAN, STEPHANIE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-07
[30] US (14/706,409) 2015-05-07

[21] 2,928,189
[13] A1

[51] Int.Cl. H03K 17/14 (2006.01) H02M 1/00 (2007.10)
[25] EN
[54] **GATE DRIVE CIRCUIT TO REDUCE PARASITIC COUPLING**
[54] **CIRCUIT D'ENTRAINEMENT A PORTE VISANT A REDUIRE LE COUPLAGE PARASITE**
[72] LEE, CHRISTOPHER JOSEPH, US
[72] SOLOMON, LUKE ANTHONY, US
[72] PERMUY, ALFRED, FR
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
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[41] 2016-11-07
[30] FR (1554105) 2015-05-07

[21] 2,928,212
[13] A1

[51] Int.Cl. H04W 24/04 (2009.01) H04W 84/18 (2009.01) G08B 13/22 (2006.01)
[25] EN
[54] **AUTOMATIC REPORTING OF PROGNOSIS DATA FROM WIRELESS MESH SENSORS TO CLOUD**
[54] **SIGNALEMENT AUTOMATIQUE DE DONNEES PRONOSTIQUES DE CAPTEURS MAILLES SANS FIL TRANSMIS AU NUAGE**
[72] KRISHNAMURTHY, DIVYASHREE, US
[72] SAMAGA, ASHA, US
[72] THIAWALE, VIDHYA, US
[72] RAJKUMAR, MALATHY, US
[72] DIVAKARA, MANJUNATHA, US
[72] SHARMA, SUSHIL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-04-26
[41] 2016-11-12
[30] US (14/709,552) 2015-05-12

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[13] A1

[51] Int.Cl. F04D 25/08 (2006.01) A61M 16/00 (2006.01) F04D 25/06 (2006.01) F04D 29/10 (2006.01)
[25] FR
[54] **MICRO-FAN WITH IMPROVED AXIS-MOTOR SEAL FOR RESPIRATORY ASSISTANCE DEVICE**
[54] **MICRO-SOUFFLANTE A ETANCHEITE D'AXE-MOTEUR AMELIOREE POUR APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] GUIDUCCI, HADRIEN, FR
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR
[22] 2016-04-26
[41] 2016-11-12
[30] FR (15 54 212) 2015-05-12

[21] 2,928,260
[13] A1

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[25] EN
[54] **MULTIPLE CURTAIN AND ROLLER BLIND**
[54] **RIDEAU ET STORE ENROULEUR MULTIPLES**
[72] MAROCCO, NORBERT, CA
[71] MAROCCO, NORBERT, CA
[22] 2016-04-27
[41] 2016-11-07
[30] US (62/179,411) 2015-05-07

[21] 2,928,261
[13] A1

[51] Int.Cl. A47H 1/10 (2006.01) A47H 1/14 (2006.01)
[25] EN
[54] **MULTI-USE WINDOW COVERING HEAD RAIL**
[54] **RAIL DE TETE DE PARURE DE FENETRE MULTIUSAGE**
[72] MAROCCO, NORBERT, CA
[71] MAROCCO, NORBERT, CA
[22] 2016-04-27
[41] 2016-11-07
[30] US (62/179,410) 2015-05-07

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[21] 2,928,324
[13] A1

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[25] EN
[54] **GAMING SYSTEM AND METHOD EMPLOYING AN AWARD EVALUTION FOR A SYMBOL BASED ON A TOTAL QUANTITY OF REELS IN A SET OF REELS EACH DISPLAYING AN INSTANCE OF THAT SYMBOL AND A TOTAL QUANTITY OF INSTANCES OF THAT SYMBOL DISPLAYED ON THE REELS OF THE SET**

[54] **SYSTEME DE JEU ET METHODE EMPLOYANT UNE EVALUATION DE RECOMPENSE D'UN SYMBOLE FONDEE SUR UNE QUANTITE TOTALE DE BOBINES DANS UN ENSEMBLE DE BOBINES PRESENTANT CHACUNE UNE INSTANDECE DE CE SYMBOLE ET UNE QUANTITE TOTALE D'INSTANCES DE CE SYMBOLE AFFICHEE SUR LES BOBINES DE L'ENSEMBLE**

[72] JOUNG, SEK HWAN, US
[71] IGT, US
[22] 2016-04-28
[41] 2016-11-08
[30] US (14/707,615) 2015-05-08

[21] 2,928,389
[13] A1

[51] Int.Cl. C23C 16/448 (2006.01) C23C 14/22 (2006.01)
[25] EN
[54] **REMOTE ARC DISCHARGE PLASMA ASSISTED PROCESSES**

[54] **PROCEDES ASSISTES AU PLASMA A DECHARGE D'ARC ELOIGNE**

[72] GOROKHOVSKY, VLADIMIR, US
[72] HUMENIK, DAVID, US
[72] TRUBE, SCOTT, US
[72] SULLIVAN, PATRICK A., US
[72] PETERSON, NICHOLAS, US
[72] TAYLOR, EDWARD, US
[72] VOLAN, GREG, US
[71] VAPOR TECHNOLOGIES, INC., US
[22] 2016-04-28
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[30] US (14/706,510) 2015-05-07

[21] 2,928,474
[13] A1

[51] Int.Cl. A47K 3/40 (2006.01)
[25] EN
[54] **ROLL-IN SHOWER AND SHOWER BASE**

[54] **DOUCHE ENCASTREE ET BASE DE DOUCHE**

[72] IANNUCCI, DAVID A., US
[71] IANNUCCI, DAVID A., US
[22] 2016-04-29
[41] 2016-11-06
[30] US (14/705,287) 2015-05-06

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[13] A1

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[25] EN
[54] **ELECTROLYTIC DETACHMENT WITH FLUSH SYSTEM FOR IMPLANT DELIVERY**

[54] **ACCESSOIRE ELECTROLYTIQUE DOTE D'UN MECANISME DE LESSIVAGE DESTINE AU POSITIONNEMENT D'UN IMPLANT**

[72] DEVINO, VINCENT, US
[72] KADAM, MADHUR, US
[71] COVIDIEN LP, US
[22] 2016-05-02
[41] 2016-11-11
[30] US (14/708,688) 2015-05-11

[21] 2,928,652
[13] A1

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[25] EN
[54] **MICROBIOTA RESTORATION THERAPY (MRT), COMPOSITIONS AND METHODS OF MANUFACTURE**

[54] **THERAPIE DE RETABLISSEMENT DU MICROBIOTE, COMPOSITIONS ET METHODES DE FABRICATION**

[72] JONES, LEE A., US
[72] JONES, COURTNEY R., US
[72] SOBCINSKI, MARY KAY, US
[71] REBIOTIX, INC., US
[22] 2016-05-03
[41] 2016-11-08
[30] US (14/707,378) 2015-05-08

[21] 2,928,673
[13] A1

[51] Int.Cl. B65H 3/06 (2006.01) B65H 27/00 (2006.01)
[25] EN
[54] **TRANSPORT MODULE FOR FLAT ITEMS**

[54] **MODULE DE TRANSPORT D'ARTICLES PLATS**

[72] MUHL, WOLFGANG, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2016-05-03
[41] 2016-11-07
[30] DE (20 2015 102 333.2) 2015-05-07
[30] DE (20 2016 101 920.6) 2016-04-12

[21] 2,928,682
[13] A1

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[25] EN
[54] **HYDRAULIC SHOCK ABSORBER**

[54] **PARECHOC HYDRAULIQUE**

[72] SCHMIDT, ROBERT KYLE, GB
[71] MESSIER-DOWTY LIMITED, GB
[22] 2016-05-02
[41] 2016-11-07
[30] EP (15166720.1) 2015-05-07

[21] 2,928,783
[13] A1

[51] Int.Cl. B61L 27/00 (2006.01)
[25] EN
[54] **A SYSTEM TO PROVIDE REAL-TIME RAILROAD GRADE CROSSING INFORMATION TO SUPPORT TRAFFIC MANAGEMENT DECISION-MAKING**

[54] **UN SYSTEME SERVANT A FOURNIR DE L'INFORMATION DE PASSAGE A NIVEAU EN TEMPS REEL EN VUE DE SOUTENIR LA PRISE DE DECISION DE GESTION DE TRAFIC**

[72] REMPEL, GARRETH, CA
[72] TERNOWETSKY, NEIL, CA
[72] REIMER, MARK, CA
[72] BIAN, CHAO, CA
[71] MORR TRANSPORTATION SERVICES, CA
[22] 2016-05-04
[41] 2016-11-07
[30] US (62/158,172) 2015-05-07

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[25] EN

[54] PLACEMENT STATION FOR PLACING FLAT ITEMS AND FEEDING THEM TO A SINGULARIZATION STATION AND METHOD

[54] POSTE DE POSITIONNEMENT SERVANT A PLACER DES ARTICLES PLATS ET A LES TRANSPORTER VERS UN POSTE DE SINGULARISATION, ET METHODE

[72] ORTMANN, AXEL, DE
[72] MUHL, WOLFGANG, DE
[71] FRANCOITYP-POSTALIA GMBH, DE
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[41] 2016-11-07
[30] DE (20 2015 102 333.2) 2015-05-07
[30] DE (20 2016 101 920.6) 2016-04-12
[30] DE (20 2016 102 202.9) 2016-04-26

[21] 2,928,820
[13] A1

[51] Int.Cl. C02F 1/04 (2006.01) C02F 1/66 (2006.01) E21B 43/34 (2006.01)

[25] EN

[54] PROCESS FOR TREATING PRODUCED WATER EVAPORATOR CONCENTRATE

[54] PROCEDE DE TRAITEMENT DE CONCENTRE D'EVAPORATEUR D'EAU PRODUITE

[72] NICHOLSON, MARK C., US
[72] NEU, DOROTHY, US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
[22] 2016-05-04
[41] 2016-11-07
[30] US (62/158,034) 2015-05-07
[30] US (15/145,517) 2016-05-03

[21] 2,928,942
[13] A1

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[54] ERGONOMIC SHOE AND BOOT GRIP APPARATUS

[54] APPAREIL DE SAISIE DE BOTTE ET CHAUSSURE ERGONOMIQUE

[72] GELLER, BRANDON, CA
[71] GELLER, BRANDON, CA
[22] 2016-05-05
[41] 2016-11-08
[30] CA (2890709) 2015-05-08
[30] US (62/158885) 2015-05-08

[21] 2,928,976
[13] A1

[51] Int.Cl. F01D 25/24 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01) F01D 25/28 (2006.01) F02C 7/24 (2006.01)

[25] EN

[54] SYSTEM FOR THERMALLY ISOLATING A TURBINE SHROUD

[54] SYSTEME D'ISOLATION THERMIQUE D'UNE ENVELOPPE DE TURBINE

[72] TURA, CHRISTOPHER PAUL, US
[72] FITZPATRICK, DYLAN JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-05
[41] 2016-11-11
[30] US (14/708,336) 2015-05-11

[21] 2,928,982
[13] A1

[51] Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) C04B 35/80 (2006.01)

[25] EN

[54] SHROUD RETENTION SYSTEM WITH RETENTION SPRINGS

[54] MECANISME DE RETENUE D'ENVELOPPE DOTE DE RESSORTS DE RETENUE

[72] SENER, ALEXANDER MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-05
[41] 2016-11-11
[30] US (14/708,995) 2015-05-11

[21] 2,928,984
[13] A1

[51] Int.Cl. F01D 25/28 (2006.01) F01D 25/16 (2006.01) F01D 25/24 (2006.01) F02C 7/06 (2006.01) F02C 7/20 (2006.01)

[25] EN

[54] ATTACHMENT ASSEMBLY AND GAS TURBINE ENGINE WITH ATTACHMENT ASSEMBLY

[54] DISPOSITIF DE FIXATION ET MOTEUR DE TURBINE A GAZ EQUIPE DU DISPOSITIF DE FIXATION

[72] KARAFILLIS, APOSTOLOS PAVLOS, US
[72] MATHIAS, CHRISTOPHER DALE, US
[72] HENRY, KYLE EARL ROLAND, US
[72] FITZPATRICK, DYLAN JAMES, US
[72] JONASSEN, DENNIS ROBERT, US
[72] DONAHUE, PAUL W., US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (14/707,704) 2015-05-08

[21] 2,928,986
[13] A1

[51] Int.Cl. F01D 1/02 (2006.01) B64C 11/02 (2006.01) F01D 9/00 (2006.01) F02C 3/04 (2006.01) F02K 3/04 (2006.01)

[25] EN

[54] IMMERSED CORE FLOW INLET BETWEEN ROTOR BLADE AND STATOR VANE FOR AN UNDUCTED FAN GAS TURBINE

[54] ENTREE D'ECOULEMENT PRINCIPAL INVERSE ENTRE UNE PALE DE ROTOR ET UNE AUBE DE STATOR DESTINEE A UNE TURBINE A GAZ A VENTILATEUR SANS CONDUIT

[72] BOWDEN, WILLIAM JOSEPH, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] CEDAR, RICHARD DAVID, US
[72] KHALID, SYED ARIF, US
[72] LONNEMAN, PATRICK JOHN, US
[72] PASIECZNY, ALEKSANDER PIOTR, US
[72] TWEEDT, DANIEL LAWRENCE, US
[71] GENERAL ELECTRIC COMPANY, US
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[21] **2,928,988**
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 17/16 (2006.01)**
 [25] EN
 [54] **TURBINE ENGINE HAVING VARIABLE PITCH OUTLET GUIDE VANES**
 [54] **MOTEUR DE TURBINE A AUBES DE GUIDAGE DE SORTIE A PAS VARIABLE**
 [72] MILLER, BRANDON WAYNE, US
 [72] BREEZE-STRINGFELLOW, ANDREW, US
 [72] ZATORSKI, DAREK TOMASZ, US
 [71] GENERAL ELECTRIC COMPANY, US
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 [41] 2016-11-11
 [30] US (14/708,878) 2015-05-11

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 [13] A1

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 [25] EN
 [54] **VEST HAVING CONTINUOUS STRAP SYSTEM**
 [54] **VESTE COMPORTANT UN DISPOSITIF DE SANGLE CONTINU**
 [72] HOOVER, PAUL E., US
 [72] CULP, YIYUN, US
 [72] JOHNSON, JEAN E, US
 [72] LUO, RUI, US
 [72] WINTHERS, TYLER M., US
 [72] MORRISON, SHANNON L., US
 [71] THE COLEMAN COMPANY, INC., US
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 [30] US (14/708,508) 2015-05-11

[21] **2,929,017**
 [13] A1

[51] **Int.Cl. H02K 15/02 (2006.01) B21D 53/88 (2006.01) H02K 1/12 (2006.01)**
 [25] EN
 [54] **SEGMENTED LAMINATED CORE AND METHOD FOR MANUFACTURING THE SAME**
 [54] **AME LAMELLEE SEGMENTEE ET PROCEDE DE FABRICATION ASSOCIE**
 [72] IZUMI, MASAHIRO, JP
 [72] HASUO, YUSUKE, JP
 [71] MITSUBISHI HIGH-TEC, INC., JP
 [22] 2016-05-04
 [41] 2016-11-07
 [30] JP (2015-095086) 2015-05-07

[21] **2,929,028**
 [13] A1

[51] **Int.Cl. A47F 5/00 (2006.01) A47F 1/00 (2006.01)**
 [25] EN
 [54] **SPACE SAVING MANUAL SHELF MANAGEMENT SYSTEM**
 [54] **SYSTEME DE GESTION DE TABLETTE MANUELLE PERMETTANT DE SAUVER DE L'ESPACE**
 [72] GOEHIRING, WILLIAM R., US
 [71] GOEHIRING, WILLIAM R., US
 [22] 2016-05-03
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 [30] US (62/158062) 2015-05-07

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 [13] A1

[51] **Int.Cl. C08L 69/00 (2006.01) C08J 3/22 (2006.01) C08L 67/04 (2006.01) C08L 101/08 (2006.01)**
 [25] EN
 [54] **DURABLE HIGH PERFORMANCE HEAT RESISTANT POLYCARBONATE (PC) AND POLYLACTIDE (PLA) BLENDS AND COMPOSITIONS AND METHODS OF MAKING THOSE**
 [54] **MELANGES DE POLYCARBONATE ET POLYLACTIDE HAUTE RESISTANCE HAUT RENDEMENT DURABLES, ET COMPOSITIONS ET METHODES DE FABRICATION ASSOCIEES**
 [72] MOHANTY, AMAR K., CA
 [72] YURYEV, YURY, CA
 [72] MISRA, MANJUSRI, CA
 [71] UNIVERSITY OF GUELPH, CA
 [22] 2016-05-06
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 [30] US (62/158,156) 2015-05-07

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 [13] A1

[51] **Int.Cl. F17C 13/10 (2006.01) F24H 1/20 (2006.01) F24J 1/00 (2006.01)**
 [25] EN
 [54] **INTERNAL TANK HEATING COIL**
 [54] **SERPENTIN DE CHAUFFAGE POUR RESERVOIR INTERNE**
 [72] PERRY, THOMAS WILLIAM, US
 [72] KLEIN, CHRISTOPHER MICHAEL, US
 [72] HANNAH, CARSON B., US
 [71] QMAX CATALYTIC, LLC, US
 [22] 2016-05-06
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 [30] US (62/158,116) 2015-05-07

[21] **2,929,140**
 [13] A1

[51] **Int.Cl. H04W 4/12 (2009.01) G06Q 10/10 (2012.01) G06F 3/0484 (2013.01) G06F 17/27 (2006.01)**
 [25] EN
 [54] **ELECTRONIC DEVICE AND METHOD OF DETERMINING SUGGESTED RESPONSES TO TEXT-BASED COMMUNICATIONS**
 [54] **APPAREIL ELECTRONIQUE ET METHODE DE DETERMINATION DE REPONSES SUGGEREES A DES COMMUNICATIONS FONDEES SUR UN TEXTE**
 [72] KALIKOUNIS, NICK, CA
 [72] SIRCAR, SHILADITYA, CA
 [71] BLACKBERRY LIMITED, CA
 [22] 2016-05-04
 [41] 2016-11-08
 [30] US (14/707,895) 2015-05-08

[21] **2,929,141**
 [13] A1

[51] **Int.Cl. H02S 40/44 (2014.01) F25B 21/00 (2006.01) H01L 35/30 (2006.01)**
 [25] EN
 [54] **APPARATUS FOR THERMOELECTRIC GENERATION ON HVAC PIPES**
 [54] **APPAREIL DE GENERATION THERMOELECTRIQUE DESTINE A DES CONDUITS CVCA**
 [72] AHDOOT, ELIOT, CA
 [72] AHDOOT, BENJAMIN, CA
 [72] AHDOOT, SIMON, CA
 [71] BIGZ TECH, CA
 [22] 2016-05-04
 [41] 2016-11-08
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[21] **2,929,159**
 [13] A1
 [51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01)**
 [25] EN
 [54] **SHROUD RETENTION SYSTEM WITH KEYED RETENTION CLIPS**
 [54] **MECANISME DE RETENUE D'ENVELOPPE DOTE DE PINCES DE RETENUE A CLAVETTE**
 [72] SLUYTER, GREGORY KENT, US
 [72] SENER, ALEXANDER MARTIN, US
 [72] DZIECH, AARON MICHAEL, US
 [71] GENERAL ELECTRIC COMPANY, US
 [22] 2016-05-06
 [41] 2016-11-11
 [30] US (14/709,041) 2015-05-11

[21] **2,929,174**
 [13] A1
 [51] **Int.Cl. B32B 37/00 (2006.01) B21D 22/02 (2006.01) B32B 3/10 (2006.01)**
 [25] EN
 [54] **METHOD FOR MANUFACTURING WORKPIECE AND METHOD FOR MANUFACTURING LAMINATED CORE**
 [54] **METHODE DE FABRICATION DE PIECE DE TRAVAIL ET METHODE DE FABRICATION D'AME LAMELLEE**
 [72] HASUO, YUSUKE, JP
 [72] IZUMI, MASAHIRO, JP
 [71] MITSUI HIGH-TEC, INC., JP
 [22] 2016-05-05
 [41] 2016-11-12
 [30] JP (2015-097222) 2015-05-12

[21] **2,929,200**
 [13] A1
 [51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01)**
 [25] EN
 [54] **ACTIVITY MONITORING SYSTEM AND METHOD**
 [54] **SYSTEME ET METHODE DE SURVEILLANCE D'ACTIVITE**
 [72] HIGH, DONALD, US
 [72] MCHALE, BRIAN, GB
 [71] WAL-MART STORES, INC., US
 [22] 2016-05-05
 [41] 2016-11-08
 [30] US (62/158,628) 2015-05-08

[21] **2,929,204**
 [13] A1
 [51] **Int.Cl. B65D 41/00 (2006.01)**
 [25] EN
 [54] **DEVICE FOR CAPPING A BARREL**
 [54] **APPAREIL DE RECOUVREMENT D'UN BARIL**
 [72] MCKALE, MARK J., CA
 [71] MCKALE, MARK J., CA
 [22] 2016-05-05
 [41] 2016-11-06
 [30] US (62/157614) 2015-05-06

[21] **2,929,209**
 [13] A1
 [51] **Int.Cl. F21V 21/14 (2006.01) F21V 21/04 (2006.01) F21V 21/30 (2006.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01)**
 [25] EN
 [54] **REMOVABLE LED MODULE WITH TILTING ADJUSTMENT MECHANISM**
 [54] **MODULE DEL AMOVIBLE DOTE D'UN MECANISME D'AJUSTEMENT D'INCLINAISON**
 [72] CLARK, STEPHEN H., US
 [72] STAUNER, JOSEPH, US
 [71] ABL IP HOLDING LLC, US
 [22] 2016-05-06
 [41] 2016-11-07
 [30] US (62/158,010) 2015-05-07

[21] **2,929,212**
 [13] A1
 [51] **Int.Cl. B02C 18/00 (2006.01)**
 [25] EN
 [54] **COMMUNUTING UNIT FOR A COMMUNUTING DEVICE FOR COMMUNUTING FEED MATERIAL, IN PARTICULAR KNIFE BASKET**
 [54] **MODULE DILACERATEUR DESTINE A UN APPAREIL DILACERATEUR SERVANT A DILACERER UN MATERIAU D'ALIMENTATION, DANS UN PANIER A COUTEAU PARTICULIER**
 [72] PALLMANN, HARTMUT, DE
 [72] DEGEL, VOLKER, DE
 [71] PALLMANN MASCHINENFABRIK GMBH & CO. KG, DE
 [22] 2016-05-06
 [41] 2016-11-09
 [30] DE (10 2015 005 787.1) 2015-05-09

[21] **2,929,258**
 [13] A1
 [51] **Int.Cl. B62D 55/12 (2006.01) B62D 55/125 (2006.01)**
 [25] EN
 [54] **COMBINATION OF A DRIVE WHEEL AND A GEARBOX FOR A CONTINUOUS TRACK SYSTEM**
 [54] **COMBINAISON D'UNE ROUE D'ENTRAINEMENT ET D'UNE BOITE DE VITESSES DESTINEE A UN SYSTEME A BANDE EN CONTINU**
 [72] ZUIDBERG, JEROEN EMIEL, NL
 [71] ZUIDBERG TECHNIK HOLDING B.V., NL
 [22] 2016-05-06
 [41] 2016-11-08
 [30] NL (2014781) 2015-05-08

[21] **2,929,259**
 [13] A1
 [51] **Int.Cl. E04C 2/34 (2006.01)**
 [25] EN
 [54] **INSULATIVE BUILDING PANELS**
 [54] **PANNEAUX DE CONSTRUCTION ISOLANTS**
 [72] MARTEL, NICHOLAS, CA
 [71] MARTEL, NICHOLAS, CA
 [22] 2016-05-06
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[72] FINK, ANITA, US
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[72] LAN, CHAOLONG, CN
[72] MA, MINGLIAN, CN
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[54] VIS DESTINEE A UN
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[72] GETZLAF, DON, CA
[72] RAVENSBERGEN, JOHN EDWARD,
CA
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[72] ERNSDORFF, PAUL., US

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[72] MARI, KEVIN, CA

[72] HAMILTON, MATTHEW, CA

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[25] EN
[54] **PROTEIN BASED FROZEN
DESSERT USING ALTERNATIVE
SUGARS AND METHODS OF
MAKING THE SAME**
[54] **DESSERT SURGELE PROTEINE
RENFERMANT DES SUCRES DE
REMPLACEMENT ET METHODE
DE FABRICATION ASSOCIEE**
[72] BERNETT, NOAH, CA
[71] BERNETT, NOAH, CA
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[54] **TETRAZOLE BASED CORROSION INHIBITORS**
[54] **INHIBITEURS DE CORROSION A BASE DE TETRAZOLE**
[72] SEETHARAMAN, JOTHIBASU, IN
[72] RENY, EDOUARD ANDRE, NL
[72] JOHNSON, DONALD A., US
[72] SAWANT, KAILAS B., US
[72] SIVASWAMY, VAIDEESWARAN, IN
[71] ECOLAB USA INC., US
[85] 2016-05-31
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[25] EN
[54] **SUBSTITUTED DIALKYL(OXIDO)-.LAMBDA4-SULFANYLIDENE NICOTINAMIDE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES DE DIALKYL(OXYDO)-.LAMBDA4-SULFANYLIDENE NICOTINAMIDE UTILISES COMME INHIBITEURS DE KINASES**
[72] BORAL, SOUGATO, US
[72] WANG, SHIMIAO, US
[72] MALONE, THOMAS, US
[72] WURSTER, JULIE, US
[72] SHEN, JIE, US
[72] ROBINSON, MICHAEL, US
[71] ALLERGAN, INC., US
[85] 2016-06-09
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[54] **AQUEOUS DISPERSIONS FOR USE AS COATINGS WITH VARIABLE WATER VAPOR PERMEANCE RATINGS**
[54] **DISPERSIONS AQUEUSES POUR UNE UTILISATION EN TANT QUE REVETEMENTS AVEC COTES VARIABLES DE PERMEABILITE A LA VAPEUR D'EAU**
[72] KNAPP, KENNETH D., US
[72] GALLAGHER, KEVIN J., US
[72] TOAS, MURRAY S., US
[72] YUAN, SAM, US
[72] MENDON, SHARATHKUMAR K., US
[72] RAWLINS, JAMES W., US
[71] CERTAINTED CORPORATION, US
[85] 2016-06-17
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[54] **BASE FABRIC FOR DISPOSABLE TEXTILE PRODUCT AND DISPOSABLE TEXTILE PRODUCT USING SAME**
[54] **TISSU DE BASE DESTINE A UN PRODUIT TEXTILE JETABLE ET PRODUIT TEXTILE JETABLE COMPORTANT LEDIT TISSU**
[72] YAMADA, KIKUO, JP
[71] YAMADA, KIKUO, JP
[85] 2016-07-04
[86] 2015-11-13 (PCT/JP2015/082637)
[87] (2935070)
[30] JP (2015-097780) 2015-05-12
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[51] Int.Cl. A61M 5/44 (2006.01) A61M 1/36 (2006.01)
[25] EN
[54] **HEAT BALANCE TYPE CIRCULATING PIPE SYSTEM**
[54] **RESEAU DE TUYAUX A CIRCULATION DE TYPE A EQUILIBRE THERMIQUE**
[72] LI, WEI, CN
[71] LI, WEI, CN
[85] 2016-08-11
[86] 2016-01-14 (PCT/CN2016/070863)
[87] (2938829)

[21] 2,942,562
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[51] Int.Cl. D03D 15/00 (2006.01) D06M 17/00 (2006.01) D21F 7/08 (2006.01)
[25] EN
[54] **INDUSTRIAL TWO-LAYER FABRIC**
[54] **TISSU INDUSTRIEL A DOUBLE COUCHE**
[72] UEDA, IKUO, JP
[71] NIPPON FILCON CO., LTD, JP
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[86] 2016-03-24 (PCT/JP2016/059307)
[87] (2942562)
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[54] **APPARATUS AND METHOD FOR AUTOMATED MACHINING OF WORKPIECES**

[54] **DISPOSITIF ET PROCEDE D'USINAGE AUTOMATISE DE PIECES**

[72] KNOOP, FRANK, DE

[72] SCHLUTER, RAINER, DE

[72] MUNK, THOMAS, DE

[72] CONERS, ROLF, DE

[71] WOBLEN PROPERTIES GMBH, DE

[85] 2016-09-22

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[72] BERNETT, MATTHEW, J., US

[72] CHU, SEUNG, Y., US

[72] MOORE, GREGORY, US

[72] DESJARLAIS, JOHN, US

[71] XENCOR, INC., US

[85] 2016-09-22

[86] 2015-03-30 (PCT/US2015/023411)

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **INDOLIN-2-ONE AND 1,3-DIHYDRO-PYRROLO[3,2-C]PYRIDIN-2-ONE DERIVATIVES**

[54] **DERIVES D'INDOLIN-2-ONE ET DE 1,3-DIHYDRO-PYRROLO[3,2-C]PYRIDIN-2-ONE**

[72] HILPERT, HANS, CH

[72] KOLCZEWSKI, SABINE, DE

[72] LIMBERG, ANJA, CH

[72] STOLL, THEODOR, CH

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2016-09-26

[86] 2015-05-19 (PCT/EP2015/060937)

[87] (WO2015/177110)

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[51] **Int.Cl. C07D 491/08 (2006.01) A61K 31/5386 (2006.01) A61P 25/00 (2006.01)**

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[54] **5-OXA-2-AZABICYCLO[2.2.2]OCTAN-4-YL AND 5-OXA-2-AZABICYCLO[2.2.1]HEPTAN-4-YL DERIVATIVES AS TAARI MODULATORS**

[54] **DERIVES 5-OXA-2-AZABICYCLO[2.2.2]OCTAN-4-YL ET 5-OXA-2-AZABICYCLO[2.2.1]HEPTAN-4-YL EN TANT QUE MODULATEURS DE TAARI**

[72] CECERE, GIUSEPPE, CH

[72] GALLEY, GUIDO, DE

[72] HU, YIMIN, CN

[72] NORCROSS, ROGER, CH

[72] PFLIEGER, PHILIPPE, FR

[72] SHEN, HONG, CN

[71] F. HOFFMANN-LA ROCHE AG, CH

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[51] **Int.Cl. D06F 37/28 (2006.01) D06F 37/10 (2006.01) D06F 37/18 (2006.01) D06F 39/14 (2006.01)**

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[54] **WASHING MACHINE**

[54] **MACHINE A LAVER**

[72] KIM, DONG YOUNG, KR

[72] WISHNEY, ADAM, SG

[72] RYU, DOO YOUNG, KR

[72] LEE, IN JU, KR

[71] SAMSUNG ELECTRONICS CO., LTD., KR

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[54] **LOW POWER MODE WITH LEGACY COMPATIBILITY**

[54] **MODE BASSE PUISSANCE AVEC COMPATIBILITE PATRIMONIALE**

[72] TZANNES, MARCOS C., US

[71] TQ DELTA, LLC, US

[85] 2016-09-27

[86] 2015-04-28 (PCT/US2015/027983)

[87] (WO2015/168117)

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[54] **CLIENT-SIDE INTEGRATION FRAMEWORK OF SERVICES**

[54] **CADRE D'INTEGRATION DE SERVICES COTE CLIENT**

[72] YAHALOM, SAAR, US

[72] DE SMET, BART J.F., US

[72] MASSEY, DANIEL LEE, US

[72] BURGER, DOUGLAS C., US

[72] AGUERA Y ARCAS, BLAISE HILARY, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

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[86] 2015-04-24 (PCT/US2015/027406)

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[25] EN
[54] **CAR WITH ROTATABLY MOUNTED WHEEL AXLE FOR A FAIRGROUND RIDE AND METHOD FOR CONTROLLING A ROTATABLY MOUNTED WHEEL AXLE OF SUCH A CAR**
[54] **VOITURE POUR MANEGER COMPORTANT UN ESSIEU MONTE A DE FACON ROTATIVE ET PROCEDE DE COMMANDE D'UN ESSIEU D'UNE TELLE VOITURE MONTE DE FACON ROTATIVE**
[72] KRAUS, MICHAEL, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2016-09-27
[86] 2015-03-24 (PCT/EP2015/056312)
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[25] EN
[54] **MODULAR POWER CONTROLLER**
[54] **SYSTEME DE COMMANDE D'ALIMENTATION MODULAIRE**
[72] MCNEILL-MCCALLUM, DUNCAN, GB
[72] MCNEILL-MCCALLUM, EMMA, GB
[71] VIOEARTH HOLDINGS LIMITED, GB
[85] 2016-09-27
[86] 2015-04-08 (PCT/EP2015/057635)
[87] (WO2015/155250)
[30] GB (1406308.5) 2014-04-08

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[51] Int.Cl. C02F 1/28 (2006.01) D21C 9/08 (2006.01) D21H 21/02 (2006.01)
[25] EN
[54] **ADSORBING AND/OR REDUCTION OF THE AMOUNT OF ORGANIC MATERIALS IN AN AQUEOUS MEDIUM BY USING COLLOIDAL PRECIPITATED CALCIUM CARBONATE**
[54] **ADSORPTION ET/OU REDUCTION DE LA QUANTITE DE MATIERES ORGANIQUES DANS UN MILIEU AQUEUX PAR CARBONATE DE CALCIUM PRECIPITE COLLOIDAL**
[72] GANTENBEIN, DANIEL, CH
[72] GANE, PATRICK A. C., CH
[72] SCHOELKOPF, JOACHIM, CH
[72] LEHTIPUU, JUHANA TUOMAS, FI
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-09-27
[86] 2015-04-13 (PCT/EP2015/057967)
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[51] Int.Cl. A61K 47/30 (2006.01) A61K 47/32 (2006.01) A61K 48/00 (2006.01) C08G 65/333 (2006.01) C12N 15/11 (2006.01) C12N 15/87 (2006.01)
[25] EN
[54] **CAPPED AND UNCAPPED RNA MOLECULES AND BLOCK COPOLYMERS FOR INTRACELLULAR DELIVERY OF RNA**
[54] **MOLECULES D'ARN COIFFEES ET NON COIFFEES ET COPOLYMERES SEQUENCES POUR L'ADMINISTRATION INTRACELLULAIRE D'ARN**
[72] PITTARD, BRUNO, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE DE NANTES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[86] 2015-04-01 (PCT/IB2015/052405)
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[30] EP (14305472.4) 2014-04-01

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[51] Int.Cl. A61F 2/954 (2013.01) A61F 2/07 (2013.01) A61F 2/962 (2013.01)
[25] EN
[54] **DELIVERY AND DEPLOYMENT SYSTEMS FOR BIFURCATED STENT GRAFTS**
[54] **SYSTEMES DE POSE ET DE DEPLOIEMENT POUR GREFFONS D'ENDOPROTHESE A BIFURCATION**
[72] BEARD, MATTHEW S., US
[72] SECTOR, MARTIN J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2016-09-27
[86] 2015-04-01 (PCT/US2015/023874)
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[51] Int.Cl. E21B 43/247 (2006.01) C09K 8/66 (2006.01) E21B 43/26 (2006.01)
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[54] **CHEMICALLY-INDUCED PULSED FRACTURING METHOD**
[54] **PROCEDE DE FRACTURATION PAR IMPULSION INDUITE CHIMIQUEMENT**
[72] AL-NAKHILI, AYMAN R., SA
[72] ABASS, HAZIM H., SA
[72] HILAB, VICTOR V., SA
[72] KHAN, MIRAJUDDIN R., SA
[72] AL-OTAIBI, AHMAD S., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **MODIFIED CYTOSINE POLYNUCLEOTIDE OLIGOMERS AND METHODS**

[54] **OLIGOMERES POLYNUCLEOTIDIQUES DE CYTOSINE MODIFIEE ET PROCEDES CORRESPONDANTS**

[72] GALL, ALEXANDER A., US

[72] LOKHOV, SERGEY G., US

[72] PODYMINOGIN, MIKHAIL A., US

[72] VIAZOVKINA, EKATERINA V., US

[72] LUND, KEVIN PATRICK, US

[71] CEPHEID, US

[85] 2016-09-27

[86] 2015-03-30 (PCT/US2015/023428)

[87] (WO2015/153510)

[30] US (61/972,391) 2014-03-30

[30] US (14/673,494) 2015-03-30

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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/44 (2006.01) A61K 8/67 (2006.01) A61Q 19/02 (2006.01)**

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[54] **COSMETIC COMPOSITIONS HAVING REDUCED IRRITATION**

[54] **COMPOSITIONS COSMETIQUES PRODUISANT MOINS D'IRRITATION**

[72] DAS, SOURAV, US

[72] YOSHIMI, NAOHISA, SG

[72] TANAKA, SHUHEI, SG

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-09-27

[86] 2015-04-21 (PCT/US2015/026737)

[87] (WO2015/164290)

[30] US (61/982,883) 2014-04-23

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[25] EN

[54] **METHOD AND APPARATUS FOR PRODUCING FROZEN FOOD PRODUCTS**

[54] **PROCEDE ET APPAREIL DE PRODUCTION DE PRODUITS ALIMENTAIRES CONGELES**

[72] ISRANI, SAMEER H., US

[72] HUNEK, BALAZS, US

[72] GASTEYER, THEODORE H., US

[72] LANG, GARY D., US

[71] PRAXAIR TECHNOLOGY, INC., US

[85] 2016-09-28

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[30] US (61/980,490) 2014-04-16

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[13] A1

[51] **Int.Cl. H02J 15/00 (2006.01) H02M 7/49 (2007.01) H02M 3/158 (2006.01)**

[25] EN

[54] **ELECTRICAL ENERGY STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE D'ENERGIE ELECTRIQUE**

[72] GOETZ, STEFAN, DE

[71] DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT, DE

[85] 2016-09-28

[86] 2015-04-07 (PCT/DE2015/000175)

[87] (WO2015/154743)

[30] DE (20 2014 002 953.9) 2014-04-07

[21] **2,944,230**
[13] A1

[51] **Int.Cl. C12N 15/38 (2006.01) A61K 39/245 (2006.01) A61P 31/20 (2006.01) C07K 14/045 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12P 21/02 (2006.01)**

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[54] **HUMAN CYTOMEGALOVIRUS VACCINE COMPOSITIONS AND METHOD OF PRODUCING THE SAME**

[54] **COMPOSITIONS DE VACCIN CONTRE LE CYTOMEGALOVIRUS HUMAIN ET METHODE DE PRODUCTION ASSOCIEE**

[72] LANZAVECCHIA, ANTONIO, CH

[72] PEREZ, LAURENT, CH

[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE, CH

[85] 2016-09-28

[86] 2015-04-23 (PCT/EP2015/000843)

[87] (WO2015/161926)

[30] EP (PCT/EP2014/001086) 2014-04-23

[30] EP (PCT/EP2014/001168) 2014-04-30

[21] **2,944,240**
[13] A1

[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/4178 (2006.01) A61K 31/422 (2006.01) A61K 31/4245 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 263/58 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **INDOLE DERIVATIVES FOR USE IN MEDICINE**

[54] **DERIVES INDOLES DESTINES A ETRE UTILISES DANS LE DOMAINE DE LA MEDECINE**

[72] COWLEY, PHILLIP, GB

[72] WISE, ALAN, GB

[72] KICZUN, MICHAEL, GB

[72] DAVIS, SUSAN, GB

[71] IOMET PHARMA LTD, GB

[85] 2016-09-28

[86] 2015-03-19 (PCT/EP2015/055823)

[87] (WO2015/150097)

[30] GB (1406154.3) 2014-04-04

[30] GB (1502156.1) 2015-02-10

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[25] EN
[54] IMPROVED STEM CELL COMPOSITION
[54] COMPOSITION DE CELLULES SOUCHES AMELIOREE
[72] ITESCU, SILVIU, AU
[72] SIMMONS, PAUL, AU
[71] MESOBLAST INTERNATIONAL SARL, CH
[85] 2016-09-28
[86] 2015-04-07 (PCT/EP2015/057521)
[87] (WO2015/155187)
[30] AU (2014901247) 2014-04-07

[21] 2,944,269
[13] A1
[51] Int.Cl. C12M 1/12 (2006.01) C12M 1/00 (2006.01) C12N 7/00 (2006.01) C12P 1/00 (2006.01) C12P 21/00 (2006.01) C12P 21/02 (2006.01)
[25] EN
[54] A HIGH CELL DENSITY FILL AND DRAW FERMENTATION PROCESS
[54] PROCEDE DE FERMENTATION PAR REMPLISSAGE ET SOUTIRAGE A HAUTE DENSITE DE CELLULES
[72] LAUSTSEN, MADSEN, DK
[71] CMC BIOLOGICS A/S, DK
[85] 2016-09-28
[86] 2015-04-14 (PCT/EP2015/058037)
[87] (WO2015/158696)
[30] EP (14164862.6) 2014-04-16

[21] 2,944,271
[13] A1
[51] Int.Cl. C10L 10/02 (2006.01) C10L 1/12 (2006.01) C10L 9/10 (2006.01)
[25] FR
[54] MATERIAL CONSISTING OF A PREPARATION COMPRISING FERROCENE
[54] MATERIAU CONSTITUE D'UNE PREPARATION COMPRENANT DU FERROCENE
[72] MITCHELL, JAMES BRIAN, FR
[71] UNIVERSITE DE RENNES 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2016-09-28
[86] 2015-04-17 (PCT/EP2015/058459)
[87] (WO2015/158922)
[30] FR (14/00923) 2014-04-17

[21] 2,944,272
[13] A1
[51] Int.Cl. H05B 1/00 (2006.01) H03K 17/00 (2006.01) H03K 17/955 (2006.01) H05B 3/84 (2006.01)
[25] EN
[54] PANE WITH AN ILLUMINATED SWITCH SURFACE AND A HEATING FUNCTION
[54] PANNEAU COMPORTANT UNE SURFACE D'INTERRUPTEUR ILLUMINEE ET UNE FONCTION DE CHAUFFAGE
[72] WEBER, PATRICK, DE
[72] SCHULZ, VALENTIN, DE
[72] HERMANGE, FRANCOIS, DE
[72] DROSTE, STEFAN, DE
[72] BONDKOWSKI, JENS, FR
[72] PARIJ, GERRY, US
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-09-28
[86] 2015-04-21 (PCT/EP2015/058552)
[87] (WO2015/162107)
[30] US (61/983,669) 2014-04-24

[21] 2,944,275
[13] A1
[51] Int.Cl. H05B 1/00 (2006.01) H03K 17/955 (2006.01) H05B 3/84 (2006.01)
[25] EN
[54] ELECTRICALLY HEATABLE PANE WITH SWITCH REGION
[54] PANNEAU POUVANT ETRE CHAUFFE ELECTRIQUEMENT DOTE D'UNE REGION D'INTERRUPTEUR
[72] WEBER, PATRICK, DE
[72] ESSER, HANS-GEORG, DE
[72] BONDKOWSKI, JENS, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-09-28
[86] 2015-04-21 (PCT/EP2015/058553)
[87] (WO2015/162108)
[30] EP (14165740.3) 2014-04-24

[21] 2,944,277
[13] A1
[51] Int.Cl. C07D 405/12 (2006.01) A01N 43/68 (2006.01) A01P 13/00 (2006.01) C07D 251/70 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)
[25] EN
[54] DIAMINOTRIAZINE COMPOUNDS AS HERBICIDES
[54] COMPOSES DE DIAMINOTRIAZINE EN TANT QU'HERBICIDES
[72] MAJOR, JULIA, DE
[72] VOGT, FLORIAN, DE
[72] CALO, FREDERICK, DE
[72] SEITZ, THOMAS, DE
[72] SCHACHTSCHABEL, DOREEN, DE
[72] NEWTON, TREVOR WILLIAM, DE
[72] HANZLIK, KRISTIN, DE
[72] HUTZLER, JOHANNES, DE
[72] KREUZ, KLAUS, DE
[72] TRESCH, STEFAN, DE
[71] BASF SE, DE
[85] 2016-09-28
[86] 2015-04-22 (PCT/EP2015/058696)
[87] (WO2015/162169)
[30] EP (14165624.9) 2014-04-23

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[21] **2,944,286**
[13] A1

[51] **Int.Cl. C07D 277/50 (2006.01) A61K 31/426 (2006.01) A61K 31/549 (2006.01) A61P 35/00 (2006.01) C07D 285/16 (2006.01)**

[25] EN

[54] **NAT10 MODULATORS FOR TREATING OR PREVENTING LAMINOPATHIES, AGING AND CANCER**

[54] **MODULATEURS NAT10 POUR LE TRAITEMENT OU LA PREVENTION DES LAMINOPATHIES, DU VIEILLISSEMENT ET DU CANCER**

[72] LARRIEU, DELPHINE LAURENCE DANIELE, GB

[72] RODRIGUEZ, RAPHAEL JOEL, FR

[72] BRITTON, SEBASTIEN FREDERIC STEPHANE, FR

[72] JACKSON, STEPHEN PHILIP, GB

[71] CAMBRIDGE ENTERPRISE LIMITED, GB

[71] THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[85] 2016-09-28

[86] 2015-04-02 (PCT/GB2015/051040)

[87] (WO2015/150824)

[30] GB (1405991.9) 2014-04-03

[21] **2,944,305**
[13] A1

[51] **Int.Cl. A23K 20/158 (2016.01) A23K 20/10 (2016.01) A23K 40/10 (2016.01) A23K 50/10 (2016.01) A23K 50/30 (2016.01) A23K 50/75 (2016.01)**

[25] EN

[54] **METHOD FOR PRODUCING AN ANIMAL FEED AND USE THEREOF**

[54] **PROCEDE DE PRODUCTION D'ALIMENTS POUR ANIMAUX ET LEUR UTILISATION**

[72] SERINO, NAZZARO, IT

[71] SEVECOM S.P.A., IT

[85] 2016-09-28

[86] 2015-04-08 (PCT/IB2015/000452)

[87] (WO2015/155590)

[30] IT (MI2014A000646) 2014-04-08

[21] **2,944,315**
[13] A1

[51] **Int.Cl. B01J 33/00 (2006.01) B01J 21/04 (2006.01) B01J 23/42 (2006.01) B01J 23/54 (2006.01) B01J 37/02 (2006.01)**

[25] EN

[54] **A PROCESS FOR MODIFYING A HETEROGENEOUS CATALYST WITH AN ORGANOMETALLIC COMPOUND, A HETEROGENEOUS CATALYST AND SYSTEM THEREOF**

[54] **PROCEDE DE MODIFICATION D'UN CATALYSEUR HETEROGENE A L'AIDE D'UN COMPOSE ORGANOMETALLIQUE, CATALYSEUR HETEROGENE ET SYSTEME ASSOCIE**

[72] CHINTANSINH DHARMENDRASINH, CHUDASAMA, IN

[72] RAWALEKAR, SACHIN, IN

[72] AGRAHARI, SUNIL, IN

[72] GOPALAKRISHNAN, KALPANA, IN

[72] VEERA VENKATA SATYA BHASKARA SITA RAMA MURTHY, KATRAVULAPALLI, IN

[72] KUMAR, AJAY, IN

[72] METTU, ANIL KUMAR, IN

[72] SHARMA, NAGESH, IN

[72] VIR JASRA, RAKSH, IN

[71] RELIANCE INDUSTRIES LIMITED, IN

[85] 2016-09-28

[86] 2015-07-17 (PCT/IB2015/055433)

[87] (WO2016/009404)

[30] IN (2325/MUM/2014) 2014-07-17

[21] **2,944,319**
[13] A1

[51] **Int.Cl. C07H 19/10 (2006.01) C07H 19/06 (2006.01) C07H 19/073 (2006.01) C07H 21/00 (2006.01) C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**

[25] EN

[54] **MODIFIED THYMINE POLYNUCLEOTIDE OLIGOMERS AND METHODS**

[54] **OLIGOMERES POLYNUCLEOTIDIQUES A BASES THYMINE MODIFIEES ET PROCEDES ASSOCIES**

[72] GALL, ALEXANDER A., US

[72] LOKHOV, SERGEY G., US

[72] PODYMINOGIN, MIKHAIL, US

[72] VIAZOVKINA, EKATERINA V., US

[72] LUND, KEVIN PATRICK, US

[71] CEPHEID, US

[85] 2016-09-27

[86] 2015-03-30 (PCT/US2015/023403)

[87] (WO2015/153496)

[30] US (61/972,389) 2014-03-30

[30] US (14/673,403) 2015-03-30

[21] **2,944,328**
[13] A1

[51] **Int.Cl. H01S 5/50 (2006.01) H01S 5/04 (2006.01) H01S 5/183 (2006.01) H01S 5/024 (2006.01)**

[25] EN

[54] **OPTICAL AMPLIFIER**

[54] **AMPLIFICATEUR OPTIQUE**

[72] MALCOLM, GRAEME PETER ALEXANDER, GB

[72] HAMILTON, CRAIG JAMES, GB

[71] SOLUS TECHNOLOGIES LIMITED, GB

[85] 2016-09-28

[86] 2015-04-28 (PCT/GB2015/051232)

[87] (WO2015/166229)

[30] GB (1407462.9) 2014-04-28

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[21] 2,944,334
[13] A1
[51] Int.Cl. C07K 1/02 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07K 14/435 (2006.01)
[25] EN
[54] ARTIFICIALLY ACTIVATED TOXIC PEPTIDES
[54] PEPTIDES TOXIQUES ACTIVES ARTIFICIELLEMENT
[72] KENNEDY, ROBERT M., US
[72] BAO, LIN, US
[72] CARLSON, ALVAR R., US
[72] FOUNE, CATHERINE L., US
[72] HAASE, ALEXANDRA M., US
[72] STEINBAUGH, BRUCE A., US
[71] VESTARON CORPORATION, US
[85] 2016-09-28
[86] 2015-04-03 (PCT/US2015/024334)
[87] (WO2015/154020)
[30] US (61/975,147) 2014-04-04

[21] 2,944,370
[13] A1
[51] Int.Cl. C07D 233/90 (2006.01) A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) A61K 31/421 (2006.01) A61K 31/4439 (2006.01) C07D 263/34 (2006.01) C07D 401/12 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 487/10 (2006.01) C07D 491/107 (2006.01)
[25] EN
[54] AMIDO-SUBSTITUTED AZOLE COMPOUNDS
[54] COMPOSES AZOLE AMIDO-SUBSTITUES
[72] EIS, KNUT, DE
[72] ACKERSTAFF, JENS, DE
[72] WAGNER, SARAH, DE
[72] BASTING, DANIEL, DE
[72] GOLZ, STEFAN, DE
[72] BENDER, ECKHARD, DE
[72] LI, VOLKHART MIN-JIAN, DE
[72] LIENAU, PHILIP, DE
[72] LIU, NINGSHU, DE
[72] SIEGEL, FRANZISKA, DE
[72] BAUSER, MARCUS, DE
[72] SULZLE, DETLEV, DE
[72] HOLTON, SIMON, DE
[72] BAIRLEIN, MICHAELA, DE
[72] BUCHGRABER, PHILIPP, DE
[72] BALINT, JOZSEF, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2016-09-29
[86] 2015-04-01 (PCT/EP2015/057167)
[87] (WO2015/150449)
[30] EP (14163261.2) 2014-04-02
[30] US (61/973,925) 2014-04-02

[21] 2,944,380
[13] A1
[51] Int.Cl. F16B 13/14 (2006.01) E21D 20/02 (2006.01) E21D 21/00 (2006.01)
[25] EN
[54] SECURING ARRANGEMENT WITH AXIALLY FIXED MASS EXTRUSION PLATE
[54] DISPOSITIF DE FIXATION COMPORTANT UN DISQUE D'EJECTION DE MATIERE FIXE AXIALEMENT
[72] HAKENHOLT, CHRISTOPH, AT
[72] WILDERMUTH, ANKE, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056964)
[87] (WO2015/150357)
[30] EP (14163063.2) 2014-04-01

[21] 2,944,382
[13] A1
[51] Int.Cl. F16B 13/14 (2006.01)
[25] EN
[54] SCREW HAVING COMPOUND EXTRUSION PLUNGER
[54] VIS MUNIE D'UN PISTON DE REFOULEMENT DE MATIERE
[72] SPAMPATTI, MATTEO, CH
[72] NGUYEN, HUU TOAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056944)
[87] (WO2015/150351)
[30] EP (14163055.8) 2014-04-01

[21] 2,944,385
[13] A1
[51] Int.Cl. C11B 1/06 (2006.01) B30B 9/02 (2006.01) C11B 1/04 (2006.01)
[25] EN
[54] A METHOD AND APPARATUS FOR PRESSING OILSEED TO EXTRACT OIL THEREFROM
[54] PROCEDE ET APPAREIL POUR LE PRESSAGE DE GRAINES OLEAGINEUSES POUR EXTRAIRE DE L'HUILE DE CES DERNIERES
[72] HEWITT, NEIL JAMES, GB
[72] NOVAES, MARCIO FERNANDES, GB
[71] UNIVERSITY OF ULSTER, GB
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/057134)
[87] (WO2015/150433)
[30] GB (1405975.2) 2014-04-02

[21] 2,944,387
[13] A1
[51] Int.Cl. F16B 5/02 (2006.01) B23B 51/00 (2006.01) F16B 37/00 (2006.01)
[25] EN
[54] FASTENING METHOD
[54] PROCEDE DE FIXATION
[72] FOSER, THOMAS, LI
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056978)
[87] (WO2015/150361)
[30] EP (14163294.3) 2014-04-03

[21] 2,944,389
[13] A1
[51] Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01)
[25] EN
[54] BIOMARKERS FOR ASSESSING HIV
[54] BIOMARQUEURS PERMETTANT D'EVALUER LE VIH
[72] DA SILVA, ISMAEL DALE COTRIM GUERREIRO, BR
[72] LOTURCO, EDSON GUIMARAES, BR
[72] DIAZ, RICOARDO SOUBIE, BR
[72] KOAL, THERESE, AT
[71] IDC GS CLINICA DE DIAGNOSTICOS MEDICOS, BR
[71] CENTRO DE GENOMAS, BR
[71] BIOCRATES LIFE SCIENCES AG, AT
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056977)
[87] (WO2015/150360)
[30] EP (14001259.2) 2014-04-04

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[21] 2,944,402
[13] A1

[51] Int.Cl. C07K 16/46 (2006.01) A61K 49/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01) C12P 21/00 (2006.01)

[25] EN

[54] **BLOOD-BRAIN BARRIER SHUTTLES CONTAINING ANTIBODIES RECOGNIZING ALPHA-SYNUCLEIN**

[54] **NAVETTES DE LA BARRIERE HEMATO-ENCEPHALIQUE CONTENANT DES ANTICORPS RECONNAISSANT L'ALPHA-SYNUCLEINE**

[72] BARBOUR, ROBIN, US

[72] GAMES-TITHEL, KATE DORA, US

[72] NIJAR, TARLOCHAN S., US

[72] ZAGO, WAGNER, US

[72] MUNDIGL, OLAF, DE

[72] NIEWOEHNER, JENS, DE

[72] TIEFENTHALER, GEORG, DE

[71] PROTHENA BIOSCIENCES LIMITED, IE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2016-09-29

[86] 2015-04-08 (PCT/IB2015/052524)

[87] (WO2015/155694)

[30] US (61/977,039) 2014-04-08

[30] US (61/977,042) 2014-04-08

[30] US (62/023,373) 2014-07-11

[21] 2,944,409
[13] A1

[51] Int.Cl. C03C 3/097 (2006.01) A61K 6/02 (2006.01) C03C 4/12 (2006.01) C03C 10/12 (2006.01) C09K 11/77 (2006.01)

[25] EN

[54] **METHOD FOR THE PREPARATION OF LITHIUM SILICATE GLASSES AND LITHIUM SILICATE GLASS CERAMICS**

[54] **PROCEDE DE PREPARATION DE VERRES DE SILICATE DE LITHIUM ET DE VITROCERAMIQUES DE SILICATE DE LITHIUM**

[72] KROLIKOWSKI, SEBASTIAN, CH

[72] RAMPF, MARKUS, CH

[72] RITZBERGER, CHRISTIAN, CH

[72] BURKE, HARALD, AT

[72] HOLAND, WOLFRAM, LI

[72] SCHWEIGER, MARCEL, CH

[71] IVOCLAR VIVADENT AG, LI

[85] 2016-09-29

[86] 2015-05-12 (PCT/EP2015/060457)

[87] (WO2015/173230)

[30] EP (14168181.7) 2014-05-13

[21] 2,944,410
[13] A1

[51] Int.Cl. E02F 9/26 (2006.01) G01B 11/245 (2006.01)

[25] EN

[54] **A METHOD AND SYSTEM FOR ACTIVE LOAD WEIGHT FOR MINING EXCAVATING EQUIPMENT**

[54] **PROCEDE ET SYSTEME DE CALCUL ACTIF DE POIDS DE CHARGE POUR EQUIPEMENT D'EXCAVATION MINIERE**

[72] JAEGER, JULIAN D., US

[71] SIEMENS INDUSTRY, INC., US

[85] 2016-09-28

[86] 2015-03-30 (PCT/US2015/023262)

[87] (WO2015/153412)

[30] US (14/230,041) 2014-03-31

[21] 2,944,426
[13] A1

[51] Int.Cl. D21H 17/25 (2006.01) D21H 11/18 (2006.01) D21H 21/14 (2006.01)

[25] EN

[54] **METHOD FOR PRODUCING A SUSPENSION OF MICROFIBRILLATED CELLULOSE, MICROFIBRILLATED CELLULOSE AND ITS USE**

[54] **PROCEDE DE FABRICATION D'UNE SUSPENSION DE CELLULOSE MICROFIBRILLEE, CELLULOSE MICROFIBRILLEE ET SON UTILISATION**

[72] LILLANDT, MARCUS, FI

[72] LUNDIN, TOM, FI

[71] KEMIRA OYJ, FI

[85] 2016-09-29

[86] 2015-04-28 (PCT/FI2015/050289)

[87] (WO2015/166141)

[30] FI (20145390) 2014-04-28

[21] 2,944,437
[13] A1

[51] Int.Cl. A23L 19/00 (2016.01) A23L 19/10 (2016.01) A23N 15/00 (2006.01) A23B 7/005 (2006.01)

[25] EN

[54] **BABY FOOD PUREE PROCESS AND APPLICATIONS THEREOF**

[54] **PROCEDE DE FABRICATION DE PUREE ALIMENTAIRE POUR NOURRISSON ET APPLICATIONS DE CELUI-CI**

[72] HARVEY, ROBERT, US

[72] DARLING, CHRISTOPHER, US

[71] BEECH-NUT NUTRITION CORPORATION, US

[71] HARVEY, ROBERT, US

[71] DARLING, CHRISTOPHER, US

[85] 2016-09-29

[86] 2015-03-26 (PCT/US2015/022673)

[87] (WO2015/153264)

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[54] **DISPOSITIF DE MAINTIEN DE VANNE**
[72] BULL, MARTIN CAREY, GB
[71] OBRIST CLOSURES SWITZERLAND GMBH, CH
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[72] SMOLAN, PETER, SK
[72] SCHROEDER, TIMOTHY PAUL, US
[71] FERNO-WASHINGTON, INC., US
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[54] **PARTIE STATOR POUR MACHINE ELECTRIQUE COMPRENANT UN ROTOR A AIMANTS PERMANENTS**
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[72] BRANDT'S, WIM, NL
[71] J.H. BEHEER B.V., NL
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[71] OBRIST CLOSURES SWITZERLAND GMBH, CH
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[25] EN
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[54] **ACCOUPLEMENT MAGNETIQUE, DISPOSITIF D'ACCOUPLEMENT, ET PROCEDE CORRESPONDANT**
[72] BACHMAIER, GEORG, DE
[72] BACHMANN, CHRISTIAN, DE
[72] GERLICH, MATTHIAS, DE
[72] GODECKE, ANDREAS, DE
[72] VITTORIAS, IASON, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MECANISME DE SOUPAPE ET DE COUPLAGE DE POSITION MAGNETIQUE**
[72] HUNTER, IAN W., US
[72] WHITFIELD, GEORGE C., US
[71] NUCLEUS SCIENTIFIC, INC., US
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- [54] PROMEDICAMENTS D'ACIDE SUCCINIQUE POUR AUGMENTER LA PRODUCTION D'ATP
- [72] ELMER, ESKIL, SE
- [72] HANSSON, MAGNUS JOAKIM, SE
- [72] EHINGER, KARL HENRIK JOHANNES, SE
- [72] MOSS, STEVEN, GB
- [71] NEUROVIVE PHARMACEUTICAL AB, SE
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- [72] HEROLD, JOCHEN, DE
- [71] SIEMENS AKTIENGESELLSCHAFT, DE
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- [54] SELS D'ADDITION DE (S)-2-(1-(6-AMINO-5-CYANOPYRIMIDIN-4-YLAMINO)ETHYL)-4-OXO-3-PHENYL-3,4-DIHYDROPYRROLO[1,2-F][1,2,4]TRIAZINE-5-CARBONITRILE
- [72] CARRERA CARRERA, FRANCESC, ES
- [72] PEREZ GARCIA, JUAN BAUTISTA, ES
- [72] VIDAL JUAN, BERNAT, ES
- [72] SANCHEZ IZQUIERDO, FRANCISCO, ES
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- [71] ALMIRALL, S.A., ES
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- [54] COMPOSES DE PYRROLOBENZODIAZEPINE DANS LE TRAITEMENT DU LYMPHOME
- [72] STELL, ANNELIESE, GB
- [72] LARA, ANA, GB
- [71] ADC PRODUCTS (UK) LIMITED, GB
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- [54] COPOLYMERE D'ALCOOL POLYVINYLIQUE ANIONIQUE EN TANT QUE COLLOIDE PROTECTEUR POUR DES MICROCAPSULES DE POLYUREE PESTICIDE
- [72] BURAKOWSKA-MEISE, EWELINA, DE
- [72] MECFEL-MARCZEWSKI, JOANNA, DE
- [72] BRATZ, MATTHIAS, DE
- [72] DENUELL, WOLFGANG, DE
- [72] BOWE, STEVEN, US
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- [54] APPAREIL COMMUTATEUR ELECTRIQUE ET SON ENSEMBLE AMORTISSEUR
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- [72] TRAX, JAMES A., US
- [71] EATON CORPORATION, US
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[54] **PETITES SONDES MOLECULAIRES, PROCEDES ASSOCIES ET UTILISATION DE CELLES-CI**

[72] THIMMAIAH, GOVINDARAJU, IN

[72] NARAYANASWAMY, NAGARJUN, IN

[72] RAJASEKHAR, KOLLA, IN

[71] JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH, IN

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[86] 2015-04-03 (PCT/IB2015/052463)

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[51] **Int.Cl. A61P 25/28 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01)**

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[54] **HUMANIZED ANTI-TAU(PS422) ANTIBODY BRAIN SHUTTLES AND USE THEREOF**

[54] **NAVETTES CEREBRALES A ANTICORPS ANTI-TAU(PS422) HUMANISES ET UTILISATION**

[72] BADER, MARTIN, DE

[72] GOEPFERT, ULRICH, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

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[54] **HIGH BAND EXCITATION SIGNAL GENERATION**

[54] **GENERATION DE SIGNAL D'EXCITATION DE BANDE HAUTE**

[72] RAMADAS, PRAVIN KUMAR, US

[72] SINDER, DANIEL J., US

[72] VILLETTE, STEPHANE PIERRE, US

[72] RAJENDRAN, VIVEK, US

[71] QUALCOMM INCORPORATED, US

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[54] **COMPOSITIONS ET PROCEDES POUR PRODUITS FIBREUX DE GYPSE RESISTANT A L'EAU**

[72] BLACKBURN, DAVID R., US

[72] XU, YUFENG, US

[71] UNITED STATES GYPSUM COMPANY, US

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[54] **PROCEDE ET APPAREIL DE REGLAGE DE PREFERENCES UTILISATEUR OU DE CONFIGURATION DE DISPOSITIF**

[72] SPENCER, BRIAN J., US

[71] QUALCOMM INCORPORATED, US

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[54] **POUDRE DE FRITTAGE A BASSE PRESSION**

[72] GHOSHAL, SHAMIK, US

[72] CHAKI, NIRMALYA KUMAR, US

[72] ROY, POULAMI SENGUPTA, US

[72] SARKAR, SIULI, US

[72] RUSTOGI, ANUBHAV, US

[71] ALPHA METALS, INC., US

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[72] WALSH, ORAN, GB
[71] SHORT BROTHERS PLC, IE
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[54] FORMULATION COMPRENANT UN PROMEDICAMENT DE GEMCITABINE
[72] GRIFFITH, HUGH, GB
[72] KENNOVIN, GORDON, GB
[71] NUCANA BIOMED LIMITED, GB
[85] 2016-10-05
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[87] (WO2015/198059)
[30] GB (1411253.6) 2014-06-25
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[30] GB (1417646.5) 2014-10-06

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[51] Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)
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[72] TRAUGER, RICHARD, US
[71] CYTODYN INC., US
[85] 2016-10-05
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[54] COMPOSITION PERMETTANT LA TRAITEMENT DE L'ARTHRITE ET DES TROUBLES DE MOBILITE ET LE RETARD DU VIEILLISSEMENT
[72] SERISIER, SAMUEL, FR
[71] MARS, INCORPORATED, US
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[54] METHODS OF TREATING PR-POSITIVE, LUMINAL A BREAST CANCER WITH PI3K INHIBITOR, PICTILISIB
[54] PROCEDES POUR TRAITER LE CANCER DU SEIN LUMINAL A PR-POSITIF, AVEC UN INHIBITEUR DE PI3K, PICTILISIB
[72] DERYNCK, MIKA K., US
[72] FRIEDMAN, LORI, US
[72] GENDREAU, STEVEN BRIAN, US
[72] MILAN, SANDRA, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[51] Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)
[25] EN
[54] NOVEL PYRAZOLO PYRIMIDINE DERIVATIVES AND THEIR USE AS MALTI INHIBITORS
[54] NOUVEAUX DERIVES PYRAZOLO-PYRIMIDINE ET LEUR UTILISATION COMME INHIBITEURS DE MALTI
[72] PISSOT SOLDERMANN, CAROLE, CH
[72] QUANCARD, JEAN, CH
[72] SCHLAPBACH, ACHIM, CH
[72] SIMIC, OLIVER, CH
[72] TINTELNOT-BLOMLEY, MARINA, CH
[72] ZOLLER, THOMAS, CH
[71] NOVARTIS AG, CH
[85] 2016-10-06
[86] 2015-05-27 (PCT/IB2015/053975)
[87] (WO2015/181747)
[30] EP (14170408.0) 2014-05-28

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[21] 2,945,142
[13] A1

[51] Int.Cl. C23C 16/513 (2006.01) B22F 1/00 (2006.01) C08J 7/12 (2006.01) H05H 1/42 (2006.01)

[25] EN

[54] **SURFACE ENERGY MODIFIED PARTICLES, METHOD OF MAKING, AND USE THEREOF**

[54] **PARTICULES MODIFIEES PAR ENERGIE DE SURFACE, PROCEDE DE FABRICATION ET LEUR UTILISATION**

[72] THIERRY, ROLF, DE

[72] THIERRY, FRANK, US

[72] OSENGA, GEORGE, US

[71] POWDER TREATMENT TECHNOLOGY LLC, US

[85] 2016-10-06

[86] 2015-04-07 (PCT/US2015/024602)

[87] (WO2015/157204)

[30] US (61/976,100) 2014-04-07

[21] 2,945,159
[13] A1

[51] Int.Cl. C09K 11/06 (2006.01)

[25] EN

[54] **COMPOSITE POLYDOTS AND APPLICATIONS THEREOF**

[54] **PARTICULES COMPOSITES ET LEURS APPLICATIONS**

[72] LEVI, NICOLE HOPE, US

[72] MACNEILL, CHRISTOPHER MICHAEL, US

[72] GRAHAM, ELIZABETH GRACE, US

[72] ARGENTA, LOUIS CHARLES, US

[71] WAKE FOREST UNIVERSITY, US

[85] 2016-10-06

[86] 2015-04-10 (PCT/US2015/025398)

[87] (WO2015/157688)

[30] US (61/978,139) 2014-04-10

[21] 2,945,181
[13] A1

[51] Int.Cl. C07C 217/66 (2006.01) C07C 233/16 (2006.01) C07D 489/02 (2006.01)

[25] EN

[54] **PHARMACEUTICALLY ACTIVE DIMERS LINKED THROUGH PHENOLIC HYDROXYL GROUPS**

[54] **DIMERES PHARMACEUTIQUEMENT ACTIFS LIES PAR L'INTERMEDIAIRE DES GROUPES HYDROXYLE PHENOLIQUES**

[72] SINGH, NIKHILESH, US

[71] ORPHOMED, INC., US

[85] 2016-10-06

[86] 2015-04-27 (PCT/US2015/027781)

[87] (WO2015/168014)

[30] US (61/985,207) 2014-04-28

[30] US (62/101,768) 2015-01-09

[30] US (62/176,883) 2015-01-09

[21] 2,945,188
[13] A1

[51] Int.Cl. A61K 38/28 (2006.01) A61K 31/192 (2006.01) A61K 47/02 (2006.01) A61P 3/10 (2006.01)

[25] EN

[54] **RAPID-ACTING INSULIN COMPOSITIONS**

[54] **COMPOSITIONS D'INSULINE A ACTION RAPIDE**

[72] CHRISTIE, MICHAEL EDWARD, US

[72] HARDY, THOMAS ANDREW, US

[71] ELI LILLY AND COMPANY, US

[85] 2016-10-06

[86] 2015-05-04 (PCT/US2015/029010)

[87] (WO2015/171484)

[30] US (61/990,402) 2014-05-08

[21] 2,945,195
[13] A1

[51] Int.Cl. A21D 8/04 (2006.01) A21D 2/26 (2006.01) A21D 15/00 (2006.01)

[25] EN

[54] **METHODS AND COMPOSITIONS FOR PREPARING A BAKED PRODUCT**

[54] **PROCEDES ET COMPOSITIONS POUR LA PREPARATION D'UN PRODUIT CUIT**

[72] BELLIIDO, GUILLERMO, DK

[72] GAZZOLA, GIANLUCA, IT

[71] NOVOZYMES A/S, DK

[85] 2016-10-07

[86] 2015-04-20 (PCT/EP2015/058504)

[87] (WO2015/162087)

[30] EP (14165380.8) 2014-04-22

[21] 2,945,198
[13] A1

[51] Int.Cl. C12P 19/40 (2006.01) C07H 19/173 (2006.01)

[25] EN

[54] **METHOD FOR THE SYNTHESIS OF CLOFARABINE**

[54] **PROCEDE DE SYNTHESE DE CLOFARABINE**

[72] ZABUDKIN, ALEXANDER, UA

[72] MATVIENKO, VICTOR, UA

[72] MATVIENKO, IAROSLAV, UA

[72] SYPCHENKO, VOLODYMYR, UA

[71] SYNBIAS PHARMA AG, CH

[85] 2016-10-07

[86] 2015-04-22 (PCT/EP2015/058713)

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[13] A1
[51] Int.Cl. F16C 32/04 (2006.01) H01F 7/02 (2006.01)
[25] EN
[54] **ELONGATED PERMANENT RING MAGNET WITH A PLURALITY OF AXIALLY DIRECTED MAGNETIZED ZONES AND MAGNETIC BEARING WITH SUCH A RING MAGNET**
[54] **AIMANT PERMANENT ANNULAIRE ALLONGE COMPORTANT UNE PLURALITE DE ZONES MAGNETISEES ORIENTEES AXIALEMENT ET PALIER MAGNETIQUE COMPRENANT UN TEL AIMANT ANNULAIRE**
[72] WAYE, ANDREW, GB
[72] BREWSTER, BARRIE DUDLEY, GB
[71] EDWARDS LIMITED, GB
[85] 2016-10-07
[86] 2015-05-05 (PCT/GB2015/051309)
[87] (WO2015/177504)
[30] GB (1408899.1) 2014-05-20

[21] 2,945,205
[13] A1
[51] Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01)
[25] EN
[54] **CRYSTAL FORMS**
[54] **FORMES CRISTALLINES**
[72] CALIFANO, JEAN-CHRISTOPHE, US
[72] FICKES, MICHAEL G., US
[72] NORDSTROEM, LARS FREDRIK, US
[71] ABBVIE INC., US
[85] 2016-10-06
[86] 2015-05-08 (PCT/US2015/029842)
[87] (WO2015/171993)
[30] US (61/991,242) 2014-05-09

[21] 2,945,217
[13] A1
[51] Int.Cl. C07D 239/96 (2006.01) A61K 31/517 (2006.01) A61P 25/00 (2006.01) C07D 491/04 (2006.01) C07D 498/04 (2006.01)
[25] EN
[54] **PHARMACOLOGICALLY ACTIVE QUINAZOLINEDIONE DERIVATIVES**
[54] **DERIVES DE QUINAZOLINEDIONE PHARMACOLOGIQUEMENT ACTIFS**
[72] PRUSIS, PETERIS, FI
[72] TORMAKANGAS, OLLI, FI
[72] HIETANEN, ARI, FI
[72] ARVELA, RIINA, FI
[72] VESALAINEN, ANNIINA, FI
[72] HEIKKINEN, TERHI, FI
[72] HOGLUND, IISA, FI
[71] ORION CORPORATION, FI
[85] 2016-10-07
[86] 2015-05-08 (PCT/FI2015/000020)
[87] (WO2015/169999)
[30] FI (20140133) 2014-05-09

[21] 2,945,231
[13] A1
[51] Int.Cl. C08G 77/38 (2006.01) B05D 5/08 (2006.01) C08L 83/04 (2006.01) C10M 107/50 (2006.01)
[25] EN
[54] **NEW MODIFIED SILICON OIL FOR WAX-FREE DIE CASTING LUBRICANTS**
[54] **NOUVELLE HUILE DE SILICONE MODIFIEE POUR LUBRIFIANTS DE COULEE SOUS PRESSION SANS CIRE**
[72] KOK, DOUWE-MARTEN, NL
[72] SLAGT, MARTIJN QUICO, NL
[72] ODINK, GERRIT JAN, NL
[72] BRAAM, JOHANNES HENDRIKUS GERHARDUS FRANCISCUS, NL
[71] HENKEL AG & CO. KGAA, DE
[85] 2016-10-07
[86] 2015-04-02 (PCT/EP2015/057364)
[87] (WO2015/155127)
[30] GB (1406234.3) 2014-04-07

[21] 2,945,235
[13] A1
[51] Int.Cl. B05B 1/18 (2006.01) B05B 1/26 (2006.01) B05B 1/30 (2006.01) B05B 15/02 (2006.01)
[25] EN
[54] **A SHOWER HEAD ASSEMBLY**
[54] **ENSEMBLE POMME DE DOUCHE**
[72] ALLEN, CHRISTIE, GB
[72] CLARKE, JAMES, GB
[71] MULTISHOWER GB LIMITED, GB
[85] 2016-10-07
[86] 2015-04-09 (PCT/EP2015/057695)
[87] (WO2015/155278)
[30] GB (1406475.2) 2014-04-10

[21] 2,945,243
[13] A1
[51] Int.Cl. C09K 21/14 (2006.01)
[25] EN
[54] **FIREPROOFING SEALING MASS AND USE THEREOF**
[54] **MATIERE D'ETANCHEITE IGNIFUGEANTE ET SON UTILISATION**
[72] SIMON, SEBASTIAN, DE
[72] WOLFE, INGRID, DE
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESSELLSCHAFT, LI
[85] 2016-10-07
[86] 2015-04-13 (PCT/EP2015/057945)
[87] (WO2015/158651)
[30] EP (14164839.4) 2014-04-16

[21] 2,945,246
[13] A1
[51] Int.Cl. B29C 33/06 (2006.01)
[25] FR
[54] **DEVICE FOR HEATING A MOLD**
[54] **DISPOSITIF POUR LE CHAUFFAGE D'UN MOULE**
[72] FEIGENBLUM, JOSE, FR
[72] FRITSCH, JULIEN, FR
[71] ROCTOOL, FR
[85] 2016-10-07
[86] 2015-04-13 (PCT/EP2015/057993)
[87] (WO2015/155369)
[30] FR (1453285) 2014-04-11

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[13] A1

[51] **Int.Cl. B32B 3/22 (2006.01) B32B 3/04 (2006.01) F16B 11/00 (2006.01)**

[25] EN

[54] **STEPPED INTERMEDIATE LAYER (LAMINATED TOLERANCE COMPENSATION SHEET)**

[54] **COUCHE INTERMEDIAIRE EN GRADIN (FEUILLE DE COMPENSATION DE TOLERANCE POUR STRATIFIES)**

[72] MARTIN, CHRISTOPH, DE

[71] GEORG MARTIN GMBH, DE

[85] 2016-10-07

[86] 2015-04-15 (PCT/EP2015/058127)

[87] (WO2015/158751)

[30] DE (20 2014 003 326.9) 2014-04-17

[21] **2,945,283**
[13] A1

[51] **Int.Cl. G02B 5/08 (2006.01) G02B 1/14 (2015.01) B32B 17/10 (2006.01) B32B 17/12 (2006.01) G02F 1/15 (2006.01)**

[25] EN

[54] **VEHICLE MIRROR, AND METHOD FOR MANUFACTURING SUCH A MIRROR**

[54] **MIROIR DE VEHICULE ET SON PROCEDE DE FABRICATION**

[72] WIERSEMA, JACOB, NL

[71] AVIATION GLASS & TECHNOLOGY HOLDING B.V., NL

[85] 2016-10-07

[86] 2015-04-13 (PCT/NL2015/050239)

[87] (WO2015/156676)

[30] NL (2012607) 2014-04-11

[21] **2,945,321**
[13] A1

[51] **Int.Cl. C09D 7/04 (2006.01) B32B 5/16 (2006.01) B32B 11/02 (2006.01) C09C 3/12 (2006.01) C09K 3/22 (2006.01)**

[25] EN

[54] **ADHESION PROMOTING AND/OR DUST SUPPRESSION COATING**

[54] **REVETEMENT PROMOTEUR D'ADHERENCE ET/OU DE SUPPRESSION DE POUSSIERE**

[72] ALI, MAHFUZA B., US

[72] CLEAR, SUSANNAH C., US

[72] HOBBS, TERRY R., US

[72] JACOBS, JEFFRY L., US

[72] LEE, HAE-SEUNG, US

[72] MORRIS, MARY LOU, US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2016-10-07

[86] 2015-04-10 (PCT/US2015/025262)

[87] (WO2015/157612)

[30] US (61/977,970) 2014-04-10

[21] **2,945,322**
[13] A1

[51] **Int.Cl. C09D 7/04 (2006.01) B32B 5/16 (2006.01) B32B 11/02 (2006.01) C09C 3/10 (2006.01) C09D 133/00 (2006.01) C09K 3/22 (2006.01)**

[25] EN

[54] **ADHESION PROMOTING AND/OR DUST SUPPRESSION COATING**

[54] **REVETEMENT DE PROMOTION D'ADHERENCE ET/OU DE SUPPRESSION DE POUSSIERE**

[72] ALI, MAHFUZA B., US

[72] CLEAR, SUSANNAH C., US

[72] HOBBS, TERRY R., US

[72] JACOBS, JEFFRY L., US

[72] LEE, HAE-SEUNG, US

[72] MORRIS, MARY LOU, US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2016-10-07

[86] 2015-04-10 (PCT/US2015/025268)

[87] (WO2015/157615)

[30] US (61/977,970) 2014-04-10

[21] **2,945,353**
[13] A1

[51] **Int.Cl. B32B 7/10 (2006.01) B08B 9/08 (2006.01) B32B 7/12 (2006.01) B32B 27/40 (2006.01) B32B 38/10 (2006.01) G09F 3/10 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR REMOVABLE LABELS**

[54] **COMPOSITIONS POUR ETIQUETTES AMOVIBLES**

[72] WIEGERS, RONALD, NL

[72] VAN NOORT, JOS, NL

[71] AVERY DENNISON CORPORATION, US

[85] 2016-10-07

[86] 2015-04-07 (PCT/US2015/024601)

[87] (WO2015/157203)

[30] US (61/975,986) 2014-04-07

[21] **2,945,368**
[13] A1

[51] **Int.Cl. A61F 13/512 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLES HAVING ZONES**

[54] **ARTICLES ABSORBANTS COMPORTANT DES ZONES**

[72] ARIZTI, BLANCA, DE

[72] ROSATI, RODRIGO, DE

[72] ROE, DONALD CARROLL, US

[72] ARORA, KELYN ANNE, US

[72] BICKING, AMANDA MARGARET, US

[72] GRENIER, ADRIEN, DE

[72] KNAPMEYER, JAMES T., US

[72] MULLANE, TIMOTHY IAN, US

[72] ORR, JILL MARLENE, US

[72] RITTER, MATTHEW S., US

[72] RODIC, JENNIFER, US

[72] STRUBE, JOHN B., US

[72] TAPP, ANN CECILIA, US

[72] WALTHER, RACHAEL EDEN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-10-07

[86] 2015-04-07 (PCT/US2015/024666)

[87] (WO2015/157248)

[30] US (61/976,674) 2014-04-08

[30] US (62/132,736) 2015-03-13

[30] US (62/132,770) 2015-03-13

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[13] A1
- [51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/0783 (2010.01) A61P 35/00 (2006.01) C07K 14/725 (2006.01) C07K 16/10 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) C12Q 1/00 (2006.01)**
- [25] EN
- [54] **CHIMERIC ANTIGEN RECEPTORS (CAR) FOR USE IN THERAPY AND METHODS FOR MAKING THE SAME**
- [54] **RECEPTEURS D'ANTIGENES CHIMERES (CAR) UTILISES DANS UN TRAITEMENT ET METHODES DE FABRICATION ASSOCIEES**
- [72] COOPER, LAURENCE J.N., US
- [72] CARUSO, HILLARY GIBBONS, US
- [72] OLIVARES, SIMON, US
- [72] ANG, SONNY, US
- [71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
- [85] 2016-10-07
- [86] 2015-04-23 (PCT/US2015/027277)
- [87] (WO2015/164594)
- [30] US (61/983,103) 2014-04-23
- [30] US (61/983,298) 2014-04-23

- [21] 2,945,392
[13] A1
- [51] **Int.Cl. A47L 5/36 (2006.01) A47L 9/12 (2006.01) A47L 9/16 (2006.01) A47L 9/22 (2006.01)**
- [25] EN
- [54] **SURFACE CLEANING APPARATUS**
- [54] **APPAREIL DE NETTOYAGE DE SURFACE**
- [72] THORNE, JASON, US
- [72] HUTCHINSON, PETER, CN
- [71] SHARKNINJA OPERATING LLC, US
- [85] 2016-10-07
- [86] 2015-04-07 (PCT/US2015/024782)
- [87] (WO2015/157336)
- [30] US (14/247,911) 2014-04-08

- [21] 2,945,393
[13] A1
- [51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12N 5/0789 (2010.01) C12N 5/10 (2006.01) C12N 9/22 (2006.01) C12N 15/00 (2006.01) C12N 15/55 (2006.01) C12N 15/86 (2006.01) C12Q 1/00 (2006.01) C40B 40/02 (2006.01)**
- [25] EN
- [54] **APPLICATION OF INDUCED PLURIPOTENT STEM CELLS TO GENERATE ADOPTIVE CELL THERAPY PRODUCTS**
- [54] **APPLICATION DE CELLULES SOUCHES PLURIPOTENTES INDUITES POUR GENERER DES PRODUITS DE THERAPIE CELLULAIRE ADOPTIVE**
- [72] COOPER, LAURENCE J.N., US
- [72] TORIKAI, HIROKI, US
- [71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
- [85] 2016-10-07
- [86] 2015-04-24 (PCT/US2015/027511)
- [87] (WO2015/164740)
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[13] A1
- [51] **Int.Cl. B42D 25/328 (2014.01) B41F 7/00 (2006.01) B41M 3/14 (2006.01) G02B 5/02 (2006.01) G02B 5/18 (2006.01)**
- [25] EN
- [54] **SECURITY ELEMENT AND METHOD FOR PRODUCING A SECURITY ELEMENT HAVING LIGHT-SCATTERING STRUCTURES**
- [54] **ELEMENT DE SECURITE ET PROCEDE DE FABRICATION D'UN ELEMENT DE SECURITE MUNI DE STRUCTURES DISPERSANT LA LUMIERE**
- [72] TRASSL, STEFAN, AT
- [72] SCHMIDEGG, KLAUS, AT
- [72] BELEGATIS, MARIA, AT
- [72] SCHMIDT, VOLKER, AT
- [72] STEINDORFER, MICHAEL, AT
- [72] STADLOBER, BARBARA, AT
- [71] HUECK FOLIEN GES.M.B.H., AT
- [71] JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBH, AT
- [85] 2016-10-11
- [86] 2015-05-11 (PCT/EP2015/000970)
- [87] (WO2015/188908)
- [30] AT (A 454/2014) 2014-06-10

- [21] 2,945,408
[13] A1
- [51] **Int.Cl. A61K 8/04 (2006.01) A61K 8/02 (2006.01)**
- [25] EN
- [54] **METHODS OF FORMING AN AQUEOUS TREATMENT LIQUOR**
- [54] **PROCEDES DE FORMATION D'UNE LIQUEUR DE TRAITEMENT AQUEUSE**
- [72] LYNCH, MATTHEW LAWRENCE, US
- [72] GLENN, ROBERT WAYNE, JR., US
- [72] WILLMAN, JOANNE ROBERTA, US
- [72] KUTAY, BENJAMIN JOHN, US
- [72] SAWIN, PHILIP ANDREW, US
- [72] HAMERSKY, MARK WILLIAM, US
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2016-10-07
- [86] 2015-05-05 (PCT/US2015/029127)
- [87] (WO2015/171534)
- [30] US (61/988,640) 2014-05-05

- [21] 2,945,409
[13] A1
- [51] **Int.Cl. B01J 29/035 (2006.01) B01J 37/02 (2006.01)**
- [25] EN
- [54] **A GENERAL METHOD TO INCORPORATE METAL NANOPARTICLES IN ZEOLITES AND ZEOTYPES**
- [54] **PROCEDE GENERAL D'INCORPORATION DE NANOPARTICULES DE METAL DANS DES ZEOLITES ET DES ZEOTYPES**
- [72] KEGNAES, SOREN, SE
- [72] MIELBY, JERRIK JORGEN, DK
- [72] ABILDSTROM, JACOB OSKAR, DK
- [71] DANMARKS TEKNISKE UNIVERSITET, DK
- [85] 2016-10-11
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- [87] (WO2015/155216)
- [30] EP (14164188.6) 2014-04-10

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[13] A1

[51] **Int.Cl. G01N 33/566 (2006.01)**
[25] EN
[54] **METHOD OF ISOLATING A TARGET CELL**
[54] **PROCEDE D'ISOLATION D'UNE CELLULE CIBLE**
[72] CARL, UWE D., DE
[71] IBA GMBH, DE
[85] 2016-10-11
[86] 2015-04-30 (PCT/EP2015/059510)
[87] (WO2015/166049)
[30] EP (14166718.8) 2014-04-30

[21] **2,945,515**
[13] A1

[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/95 (2013.01) A61M 27/00 (2006.01)**
[25] EN
[54] **URETERAL STENTS**
[54] **ENDOPROTHESES URETERALES**
[72] WAN, BEATRICE, US
[72] ORR, ROBERT H., III, US
[72] REINEKE, RICHARD, US
[72] WALTHALL, JILL, US
[72] LOY, MITCH, US
[71] C.R. BARD, INC., US
[85] 2016-10-11
[86] 2015-04-08 (PCT/US2015/025003)
[87] (WO2015/157467)
[30] US (61/977,990) 2014-04-10

[21] **2,945,532**
[13] A1

[51] **Int.Cl. B01F 15/02 (2006.01) B01F 3/12 (2006.01) B01F 5/04 (2006.01) B28C 5/06 (2006.01)**
[25] EN
[54] **EDUCTOR BASED MIXER FOR MIXING STUCCO AND WATER**
[54] **MELANGEUR A BASE D'EJECTEUR POUR MELANGER STUC ET EAU**
[72] RAY, SUMAN SINHA, US
[72] STOCCO, LOUIS P., US
[72] NATESAIYER, KUMAR C., US
[72] SCHENCK, RONALD E., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-10-11
[86] 2015-04-10 (PCT/US2015/025274)
[87] (WO2015/160646)
[30] US (61/981,324) 2014-04-18
[30] US (14/670,228) 2015-03-26

[21] **2,945,546**
[13] A1

[51] **Int.Cl. A45C 11/24 (2006.01) A45C 1/06 (2006.01) A45C 11/18 (2006.01) H05K 9/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **DEVICE FOR PREVENTING DATA THEFT, USE OF FALSE IDENTITY, AND FRAUD DURING CONTACTLESS DATA TRANSMISSION VIA ELECTROMAGNETIC RADIO WAVES**
[54] **DISPOSITIF DE PROTECTION CONTRE LE VOL DE DONNEES, L'USURPATION D'IDENTITE ET LES PAIEMENT FRAUDULEUX, LORS DE TRANSMISSION DE DONNEES SANS CONTACT, VIA DES ONDES RADIO ELECTROMAGNETIQUES**
[72] FEUSI, MARCO, CH
[71] FEUSI, MARCO, CH
[85] 2016-10-12
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[87] (WO2015/158650)
[30] CH (00576/14) 2014-04-14

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[13] A1

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[54] **SINGLE-SERVE CAPSULE AND METHOD FOR PREPARING A BEVERAGE USING A SINGLE-SERVE CAPSULE**
[54] **CAPSULE PORTION ET PROCEDE DE PREPARATION D'UNE BOISSON AU MOYEN D'UNE CAPSULE PORTION**
[72] EMPL, GUNTER, DE
[72] KRUGER, MARC, DE
[71] K-FEE SYSTEM GMBH, DE
[85] 2016-10-12
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[87] (WO2015/158838)
[30] DE (10 2014 105 486.5) 2014-04-17

[21] **2,945,561**
[13] A1

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[25] EN
[54] **PRODUCTION OF PRECIPITATED CALCIUM CARBONATE**
[54] **PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE**
[72] MAURER, MARC, FR
[72] JACQUEMET, CHRISTIAN, FR
[72] SKRZYPCZAK, MATTHEU, US
[71] OMYA INTERNATIONAL AG, CH
[71] COATEX, FR
[85] 2016-10-12
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[25] EN
[54] **GRIPPER COMPRISING AN ULTRASONIC SENSOR**
[54] **DISPOSITIF DE PREHENSION EQUIPE D'UN CAPTEUR A ULTRASONS**
[72] FISCHL, BERND, DE
[71] GEA FOOD SOLUTIONS GERMANY GMBH, DE
[85] 2016-10-12
[86] 2015-05-05 (PCT/EP2015/059810)
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[30] DE (10 2014 208 670.1) 2014-05-08

[21] **2,945,570**
[13] A1

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[25] EN
[54] **ASSEMBLY TOOL PRODUCTION**
[54] **PRODUCTION D'OUTIL D'ASSEMBLAGE**
[72] BICKERSTAFF, JOHN, GB
[72] COOKSON, ANDREW PETER, GB
[71] BAE SYSTEMS PLC, GB
[85] 2016-10-12
[86] 2015-04-10 (PCT/GB2015/051091)
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[54] ION EXCHANGE PROCESS
[54] PROCEDE D'ECHANGE D'IONS
[72] BEWSEY, JOHN ARTHUR, ZA
[71] TRAILBLAZER TECHNOLOGIES
(PTY) LTD, ZA
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[86] 2015-04-15 (PCT/IB2015/052744)
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[30] ZA (2014/02757) 2014-04-15

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[25] EN
[54] CLOSURE CAP FOR A
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VESSEL
[54] CAPSULE DE FERMETURE
DESTINEE A UN RECIPIENT
SENSIBLEMENT CYLINDRIQUE
[72] UNGER, MICHAEL, DE
[72] UNGER, WOLFGANG, DE
[71] MORLO GESELLSCHAFT MIT
BESCHRANKTER HAFTUNG, DE
[85] 2016-10-13
[86] 2015-04-15 (PCT/DE2015/100157)
[87] (WO2015/158331)
[30] DE (10 2014 105 403.2) 2014-04-15

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[25] EN
[54] METHODS AND MEANS FOR
ENHANCING RNA PRODUCTION
[54] PROCEDES ET MOYEN
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PRODUCTION D'ARN
[72] WOCHNER, ANIELA, DE
[72] ROOS, TILMANN, DE
[72] KETTERER, THOMAS, DE
[71] CUREVAC AG, DE
[85] 2016-10-13
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[25] EN
[54] COMPOSITIONS BASED ON
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FOR THE TREATMENT OF
INTESTINAL DISORDERS
[54] COMPOSITIONS A BASE DE
XYLOGLUCANE ET DE
PROTEINES DANS LE
TRAITEMENT DE TROUBLES
INTESTINAUX
[72] ALONSO COHEN, MIGUEL ANGEL,
ES
[72] DI SCHIENA, MICHELE GIUSEPPE,
IT
[72] DI FULVIO, MARCO, CH
[71] NOVINTETHICAL PHARMA SA, CH
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[86] 2015-04-15 (PCT/EP2015/058162)
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[51] Int.Cl. B22F 3/15 (2006.01) B02C 4/30
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[25] EN
[54] A WEAR RESISTANT
COMPONENT AND A DEVICE
FOR MECHANICAL
DECOMPOSITION OF MATERIAL
PROVIDED WITH SUCH A
COMPONENT
[54] ELEMENT RESISTANT A
L'USURE ET DISPOSITIF POUR
LA DECOMPOSITION
MECANIQUE DE MATIERE
DOTE D'UN TEL ELEMENT
[72] BERGLUND, TOMAS, SE
[72] FISCHER, UDO, DE
[71] SANDVIK INTELLECTUAL
PROPERTY AB, SE
[85] 2016-10-13
[86] 2015-04-29 (PCT/EP2015/059286)
[87] (WO2015/165934)
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[51] Int.Cl. A23G 9/28 (2006.01) A23P
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[25] EN
[54] SYSTEM FOR PREPARING
CHILLED OR FROZEN
PRODUCTS
[54] SYSTEME POUR PREPARER DES
PRODUITS REFRIGERES OU
CONGELES
[72] NOTH, ANDRE, CH
[72] AGON, FABIEN LUDOVIC, CH
[72] CHEVET-DOUELLE, FANNY, CH
[72] STOFFERS, NIELS, CH
[72] POITIGNON, JEAN-FRANCOIS, CH
[72] AICHINGER, PIERRE-ANTON, CH
[72] DELAS, ALEXIA, FR
[71] NESTEC S.A., CH
[85] 2016-10-13
[86] 2015-05-06 (PCT/EP2015/059930)
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[51] Int.Cl. C09D 167/06 (2006.01) B33Y
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[25] EN
[54] 2K THERMOSETTING POWDER
COATING COMPOSITIONS
[54] COMPOSITIONS DE
RETELEMENT EN POUDRE
THERMODURCISSABLE
BICOMPOSANT
[72] BONGAERTS, JOHANNES
GERTRUDIS CHRISTIANUS, NL
[72] WELLENBERG, PETRUS HENRICUS
MARINUS, NL
[72] JANSEN, JOHAN FRANZ GRADUS
ANTONIUS, NL
[71] DSM IP ASSETS B.V., NL
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[30] EP (14164940.0) 2014-04-16

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[13] A1

[51] **Int.Cl. B01D 33/23 (2006.01) B01D 29/07 (2006.01) B01D 29/41 (2006.01) B01D 33/21 (2006.01)**

[25] EN

[54] **FILTERING PANEL AND METHOD OF MAKING THE SAME**

[54] **PANNEAU FILTRANT ET SON PROCEDE DE FABRICATION**

[72] BRASCHI, MARCO, IT

[72] NEGRINI, ROBERTO, IT

[71] EVOQUA WATER TECHNOLOGIES LLC, US

[85] 2016-10-13

[86] 2015-06-05 (PCT/EP2015/062601)

[87] (WO2015/185736)

[30] IT (MI2014A001030) 2014-06-05

[21] **2,945,713**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/30 (2006.01)**

[25] EN

[54] **OCT TRANSPARENT SURGICAL INSTRUMENTS AND METHODS**

[54] **PROCEDES ET INSTRUMENTS CHIRURGICAUX TRANSPARENTS D'OCT**

[72] GRUEEBLER, RETO, CH

[72] SCHALLER, PHILIPP, CH

[71] NOVARTIS AG, CH

[85] 2016-10-13

[86] 2015-06-09 (PCT/EP2015/062867)

[87] (WO2015/189227)

[30] US (62/012,073) 2014-06-13

[21] **2,945,722**
[13] A1

[51] **Int.Cl. B65D 5/52 (2006.01) B65D 5/54 (2006.01)**

[25] EN

[54] **PACKAGE ASSEMBLY COMPRISING INNER AND OUTER CONTAINERS, METHOD OF MANUFACTURING THEREOF, METHODS OF STORING/DISPLAYING PRODUCTS THEREWITH AND BLANK FOR FORMING THE OUTER CONTAINER THEREOF**

[54] **ENSEMBLE EMBALLAGE COMPRENANT DES CONTENANTS INTERNE ET EXTERNE, PROCEDE DE FABRICATION DE CELUI-CI, PROCEDES DE STOCKAGE/PRESENTATION DE PRODUITS AVEC CELUI-CI ET DECOUPE POUR FORMER LE CONTENANT EXTERNE DE CELUI-CI**

[72] COLLIER, PAUL, GB

[72] MACQUEEN, PETER GRAHAM RICHARD, GB

[71] KRAFT FOODS R & D, INC., US

[85] 2016-10-13

[86] 2015-06-11 (PCT/IB2015/001015)

[87] (WO2016/024150)

[30] GB (1414368.9) 2014-08-13

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[13] A1

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[25] EN

[54] **COMPOSITIONS FOR MOSQUITO CONTROL AND USES OF SAME**

[54] **COMPOSITIONS DE LUTTE CONTRE LES MOUSTIQUES ET LEURS UTILISATIONS**

[72] PALDI, NITZAN, IL

[72] BONCRISTIANI JUNIOR, HUMBERTO FREIRE, US

[72] MAORI, EYAL, IL

[72] WEISS, AVITAL, IL

[72] BERNARDES, EMERSON SOARES, BR

[71] FORREST INNOVATIONS LTD., IL

[85] 2016-10-13

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[30] US (61/988,236) 2014-05-04

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[30] US (61/988,246) 2014-05-04

[30] US (61/988,235) 2014-05-04

[21] **2,945,748**
[13] A1

[51] **Int.Cl. C08F 271/02 (2006.01) D21H 17/41 (2006.01) D21H 17/45 (2006.01) D21H 21/10 (2006.01) D21H 21/18 (2006.01)**

[25] EN

[54] **MODIFIED VINYLAMINE CONTAINING POLYMERS AND THEIR USE IN PAPERMAKING**

[54] **POLYMERES MODIFIES A BASE DE VINYLAMINE ET LEUR UTILISATION DANS LA FABRICATION DU PAPIER**

[72] BORKAR, SACHIN, US

[72] LUSVARDI, KATE MARRITT, US

[72] MAHONEY, JOSEPH M., US

[72] GU, QU-MING, US

[72] LUO, MINGXIANG, US

[71] SOLENIS TECHNOLOGIES, L.P., CH

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[25] EN
[54] USE OF MALONONITRILE COMPOUNDS FOR PROTECTING ANIMALS FROM PARASITES
[54] UTILISATION DE COMPOSES DE MALONONITRILE POUR PROTEGER DES ANIMAUX CONTRE LES PARASITES
[72] MENG, CHARLES, US
[72] MICULKA, CHRISTIAN, DE
[72] SOLL, MARK, US
[72] PAULINI, RALPH, DE
[72] POHLMAN, MATTHIAS, DE
[72] SORDEL, SEBASTIAN, DE
[72] BASTIAANNS, HENRICUS MARIA MARTINUS, US
[72] THOMPSON, SARAH, US
[72] EBUENGA DOYOG, CECILLE, PH
[72] MALVEDA UMALI, ANNA, PH
[72] SUIZA COSARE, RHOEL, PH
[72] PALMER, CHRISTOPHER, US
[72] HOKAMA, TAKEO, US
[71] MERIAL, INC., US
[71] BASF, SE, DE
[85] 2016-10-13
[86] 2015-04-17 (PCT/US2015/026424)
[87] (WO2015/161224)
[30] US (61/980,832) 2014-04-17

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[13] A1
[51] Int.Cl. A61F 2/00 (2006.01) A61B 17/29 (2006.01)
[25] EN
[54] MEDICAL IMPLANT DELIVERY SYSTEM FOR SHEET-LIKE IMPLANT
[54] SYSTEME DE POSE D'IMPLANT MEDICAL POUR UN IMPLANT DE TYPE FEUILLE
[72] ZENZ-OLSON, NATHANIEL, US
[71] ROTATION MEDICAL, INC., US
[85] 2016-10-13
[86] 2015-05-08 (PCT/US2015/029934)
[87] (WO2015/172052)
[30] US (61/991,001) 2014-05-09

[21] 2,945,870
[13] A1
[51] Int.Cl. C09K 21/14 (2006.01)
[25] EN
[54] FIREPROOFING COMPOSITION AND USE THEREOF
[54] COMPOSITION IGNIFUGEANTE ET SON UTILISATION
[72] SIMON, SEBASTIAN, DE
[72] WOLFE, INGRID, DE
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESellschaft, LI
[85] 2016-10-14
[86] 2015-04-08 (PCT/EP2015/057574)
[87] (WO2015/158582)
[30] EP (14164845.1) 2014-04-16

[21] 2,945,872
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[51] Int.Cl. H01M 10/056 (2010.01) C01B 21/086 (2006.01) C07C 303/40 (2006.01) C07C 311/48 (2006.01)
[25] FR
[54] PREPARATION OF IMIDES CONTAINING A FLUOROSULPHONYL GROUP
[54] PREPARATION D'IMIDES CONTENANT UN GROUPEMENT FLUOROSULFONYLE
[72] SCHMIDT, GREGORY, FR
[72] AUDUREAU, SOPHIE, FR
[71] ARKEMA FRANCE, FR
[85] 2016-10-14
[86] 2015-04-01 (PCT/FR2015/050845)
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[30] FR (1453523) 2014-04-18

[21] 2,945,875
[13] A1
[51] Int.Cl. F16H 21/44 (2006.01) A01D 34/30 (2006.01)
[25] EN
[54] MOWING CUTTER DRIVE
[54] ENTRAINEMENT DE LAME DE FAUCHEUSE
[72] SCHUMACHER, HEINRICH GUNTER, DE
[72] SCHMIDT, RALF, DE
[71] EWM EICHELHARDT WERKZEUG- UND MASCHINENBAU GMBH, DE
[85] 2016-10-14
[86] 2015-04-13 (PCT/EP2015/057978)
[87] (WO2015/158660)
[30] DE (10 2014 105 457.1) 2014-04-16

[21] 2,945,880
[13] A1
[51] Int.Cl. A61K 38/17 (2006.01) A61K 31/7088 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] APOO FOR USE IN A METHOD FOR TREATING CANCER AND VARIOUS PATHOPHYSIOLOGICAL SITUATIONS
[54] UTILISATION D'APOO DANS UNE METHODE DE TRAITEMENT DU CANCER ET DE DIVERSES SITUATIONS PHYSIOPATHOLOGIQUES
[72] ROUET, PHILIPPE, FR
[72] SMITH, FATIMA, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE PAUL SABATIER TOULOUSE III, FR
[85] 2016-10-14
[86] 2015-04-15 (PCT/EP2015/058143)
[87] (WO2015/158760)
[30] EP (14305565.5) 2014-04-16

[21] 2,945,905
[13] A1
[51] Int.Cl. C08L 83/04 (2006.01) C08J 3/24 (2006.01) C08K 3/36 (2006.01) C09D 183/04 (2006.01) C09K 3/10 (2006.01)
[25] EN
[54] SPRAYABLE COMPOSITION, ITS USE AND METHOD FOR SEALING OPENINGS OR GAPS IN BUILDING COMPONENTS
[54] COMPOSITION PULVERISABLE, UTILISATION ET PROCEDE D'ETANCHAGE D'OUVERTURES OU DE FISSURES DANS DES COMPOSANTS
[72] JULI, STEFAN, AT
[72] FALKENBERG, STEFANIE, DE
[72] HUBER, JOHANN, DE
[72] SIMON, SEBASTIAN, DE
[72] FORG, CHRISTIAN, DE
[72] DRABER, EDGAR, DE
[72] ZOLLER, DANIEL, DE
[71] HILTI AKTIENGESellschaft, LI
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[86] 2015-05-26 (PCT/EP2015/061529)
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[13] A1

[51] Int.Cl. D02G 3/36 (2006.01) D02G 3/44 (2006.01)

[25] FR

[54] NOVEL PROCESS FOR MANUFACTURING FLAME RETARDANT YARNS

[54] NOUVEAU PROCEDE DE FABRICATION DE FILS IGNIFUGES

[72] DAMOUR, FRANCOIS-XAVIER, FR

[71] MERMET, FR

[85] 2016-10-14

[86] 2015-04-21 (PCT/FR2015/051075)

[87] (WO2015/162371)

[30] FR (1453617) 2014-04-22

[21] 2,945,919
[13] A1

[51] Int.Cl. A01N 37/04 (2006.01) A01N 37/06 (2006.01) A01N 37/36 (2006.01) A01N 63/02 (2006.01) A01P 13/00 (2006.01)

[25] FR

[54] USE OF A DICARBOXYLIC ACID TO CONTROL THE GROWTH OF HOLOPARASITIC OR HEMIPARASITIC PLANTS

[54] UTILISATION D'UN ACIDE DICARBOXYLIQUE POUR LUTTER CONTRE LA CROISSANCE DE PLANTES HOLOPARASITES OU HEMIPARASITES

[72] BALLY, RENE, FR

[72] COMTE, GILLES, FR

[72] BERNILLON, JACQUES, FR

[72] BELVERT, FLORIAN, FR

[72] PRIGENT-COMBARET, CLAIRE, FR

[72] ANDRIANJAKA-CAMPS, ZO-NOROSOA, CH

[72] DUPONNOIS, ROBIN, FR

[72] WISNIEWSKI-DYE, FLORENCE, FR

[72] BERTRAND, CEDRIC, FR

[72] MICHE, LUCIE, FR

[71] UNIVERSITE CLAUDE BERNARD LYON I, FR

[71] INSTITUT D'ENSEIGNEMENT SUPERIEUR ET DE RECHERCHE EN ALIMENTATION, SANTE ANIMALE, SCIENCES AGRONOMIQUES ET DE L'ENVIRONNEMENT (VETAGRO SUP), FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] L'INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT, FR

[85] 2016-10-14

[86] 2015-04-28 (PCT/FR2015/051150)

[87] (WO2015/166184)

[30] FR (1453891) 2014-04-29

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[13] A1

[51] Int.Cl. A61K 38/10 (2006.01) A61K 8/64 (2006.01) A61K 38/08 (2006.01) A61P 17/00 (2006.01) A61Q 7/02 (2006.01)

[25] EN

[54] COMPOSITIONS COMPRISING OSTEOPONTIN DERIVATIVES FOR THE INHIBITION OF HAIR GROWTH

[54] COMPOSITIONS COMPRENANT DES DERIVES D'OSTEOPONTINE POUR INHIBER LA CROISSANCE CAPILLAIRE

[72] ALLENFALL, JAN, SE

[72] DUNER, PONTUS, SE

[72] NILSSON, ANNA HULTGARDH, SE

[72] PAUS, RALF, DE

[71] FOLLICUM AB, SE

[85] 2016-10-14

[86] 2015-04-17 (PCT/GB2015/051165)

[87] (WO2015/159099)

[30] GB (1406989.2) 2014-04-17

[21] 2,945,941
[13] A1

[51] Int.Cl. C09J 123/14 (2006.01) C09J 11/00 (2006.01) C09J 123/02 (2006.01) C09J 123/06 (2006.01)

[25] EN

[54] POLYOLEFIN-BASED HOT MELT ADHESIVES WITH IMPROVED PROPERTIES

[54] ADHESIFS THERMOFUSIBLES A BASE DE POLYOLEFINE PRESENTANT DES PROPRIETES AMELIOREES

[72] GRAY, STEVEN DANIEL, US

[72] HU, MIAO, US

[71] BOSTIK, INC., US

[85] 2016-10-14

[86] 2015-04-16 (PCT/US2015/026113)

[87] (WO2015/161039)

[30] US (61/995,639) 2014-04-16

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[13] A1
[51] Int.Cl. C04B 24/42 (2006.01) B32B 13/08 (2006.01) C04B 28/14 (2006.01)
[25] EN
[54] SILOXANE COMPOSITIONS AND METHODS FOR REDUCING VOC AND SILOXANE DUST
[54] COMPOSITIONS DE SILOXANE ET PROCEDES PERMETTANT DE REDUIRE LA TENEUR EN COMPOSES ORGANIQUES VOLATILS ET LA POUSSIERE DE SILOXANE
[72] XU, YUFENG, US
[72] LUAN, WENQI, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-10-14
[86] 2015-04-14 (PCT/US2015/025664)
[87] (WO2015/164119)
[30] US (61/984,206) 2014-04-25
[30] US (14/523,016) 2014-10-24

[21] 2,946,005
[13] A1
[51] Int.Cl. E21B 19/24 (2006.01) E21B 21/08 (2006.01) E21B 33/08 (2006.01)
[25] EN
[54] MISALIGNMENT MITIGATION IN A ROTATING CONTROL DEVICE
[54] ATTENUATION DE DESALIGNEMENT DANS UN DISPOSITIF DE COMMANDE TOURNANT
[72] CHAMBERS, JAMES W., US
[72] WAGONER, DANNY W., US
[72] HARRISON, ANDREW, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] ELEMENT MULTICOUCHE ET PROCEDE POUR LE FABRIQUER
[72] KARRER WALKER, RETO, CH
[72] SCHILLING, ANDREAS, CH
[72] STAUB, RENE, CH
[72] STREIB, CHRISTINA, CH
[72] SAXER, CHRISTIAN, CH
[71] OVD KINEGRAM AG, CH
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[54] DISPOSITIFS ET PROCEDES PERMETTANT DE CHAUFFER DES DISTRIBUTEURS DE FLUIDE, DES TUYAUX FLEXIBLES ET DES BUSES
[72] SHELTON, ARTEMUS A., US
[72] KRETZLER, RANDAL SCOTT, US
[72] REITER, JEFFREY, US
[72] HOLMES, DANIEL, US
[72] LARSSON, BENGT I., SE
[71] WAYNE FUELING SYSTEMS LLC, US
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[72] ULYATE, JOHN ADAM, ZA
[71] GELLINER LIMITED, GB
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[54] METHOD FOR PRODUCING A FILM WHICH SERVES AS A CARRIER FOR ELECTRONIC COMPONENTS
[54] DISPOSITIF DE FABRICATION D'UN FILM, QUI SERT DE SUPPORT POUR DES COMPOSANTS ELECTRONIQUES
[72] TARANTINO, THOMAS, DE
[72] GRIESMEIER, ROBERT, DE
[71] GIESECKE & DEVRIENT GMBH, DE
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[54] CATHETER A PORTS OU RACCORD LUER FEMELLE AYANT UNE CLOISON ANTIMICROBIENNE
[72] LIN, JANICE, US
[72] LIU, HUIBIN, US
[72] BIHLMAIER, BRYAN FRED, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **DENTAL PROSTHESIS PRODUCTION DEVICE AND DENTAL PROSTHESIS**

[54] **DISPOSITIF DE FABRICATION D'UNE PROTHESE DENTAIRE ET PROTHESE DENTAIRE**

[72] BURGER, GORAN, CH

[71] IVOCCLAR VIVADENT AG, LI

[85] 2016-10-20

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[54] **FLUKED BURYING DEVICES**

[54] **DISPOSITIFS D'ENFOUISSEMENT A PATTES**

[72] BRUCE, PETER, GB

[71] BRUPAT LIMITED, GB

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[86] 2015-04-09 (PCT/GB2015/051087)

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[54] **SYSTEM FOR CLOSED TRANSFER OF FLUIDS**

[54] **SYSTEME POUR LE TRANSFERT FERME DE FLUIDES**

[72] SANDERS, LAURIE, US

[72] ZACHEK, MATTHEW, US

[71] BECTON DICKINSON AND COMPANY LIMITED, IE

[85] 2016-10-20

[86] 2015-04-21 (PCT/US2015/026812)

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[54] **SYRINGE ADAPTER WITH COMPOUND MOTION DISENGAGEMENT**

[54] **ADAPTATEUR DE SERINGUE AYANT LIBERATION PAR MOUVEMENT COMPOSE**

[72] KIM, JAYEON, US

[72] SANDERS, LAURIE, US

[72] CANCELIERI, JUDE, US

[71] BECTON DICKINSON AND COMPANY LIMITED, IE

[85] 2016-10-20

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[54] **FLUID TRANSFER DEVICE AND PACKAGING THEREFOR**

[54] **DISPOSITIF DE TRANSFERT DE FLUIDE ET SON EMBALLAGE**

[72] SANDERS, LAURIE, US

[72] KIM, JAYEON, US

[71] BECTON DICKINSON AND COMPANY LIMITED, IE

[85] 2016-10-20

[86] 2015-04-21 (PCT/US2015/026934)

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[54] **DRILLING MUD COOLING SYSTEM**

[54] **SYSTEME DE REFROIDISSEMENT DE BOUES DE FORAGE**

[72] THIESSEN, JAY JOHN, CA

[71] NATIONAL OILWELL VARCO, L.P., US

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[86] 2015-05-12 (PCT/US2015/030317)

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[54] **VACUUM BAG**

[54] **SAC D'ASPIRATEUR**

[72] BLACKWELL, JAMES P., JR., US

[72] CREVLING, ROBERT LENT, JR., US

[72] MILLER, JONATHAN, US

[71] SHOP VAC CORPORATION, US

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[54] **PERSONAL INTELLIGENCE PLATFORM**

[54] **PLATE-FORME DE RENSEIGNEMENTS PERSONNELS**

[72] NORMAN, MORGAN S., US

[72] STUDER, FRED J., US

[72] RANGA, RADU, US

[72] WALTL, JOHN-PAUL MCGREEVY, US

[72] WILLIAMS, GEN, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

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[54] **ARRANGEMENT AND METHOD FOR IDENTIFYING FINGERPRINTS**

[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'EMPREINTES DIGITALES**

[72] HOMER, ALOIS, AT

[71] NOVOMATIC AG, AT

[85] 2016-10-21

[86] 2015-04-22 (PCT/EP2015/058742)

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[54] **DEVICE WITH FINGERPRINT SENSOR**
[54] **APPAREIL EQUIPE D'UN CAPTEUR D'EMPREINTE DIGITALE**
[72] HOMER, ALOIS, AT
[71] NOVOMATIC AG, AT
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[86] 2015-04-23 (PCT/EP2015/058783)
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[54] **FILE SERVICE USING A SHARED FILE ACCESS-REST INTERFACE**
[54] **SERVICE DE FICHIER UTILISANT UNE INTERFACE DE TRANSFERT D'ETAT REPRESENTATIONNEL DE FICHIER (REST) D'ACCES A UN FICHIER PARTAGE (SFA)**
[72] CALDER, BRADLEY GENE, US
[72] EDWARDS, ANDREW JAMES, US
[72] AROYA, ISHAI BEN, US
[72] GOEBEL, DAVID ALLEN, US
[72] WU, JIESHENG, US
[72] HARIDAS, JAIDEN, US
[72] GANGULY, SHUVABRATA, US
[72] HENDEL, MATTHEW DOUGLAS, US
[72] DEMIR, OZAN, US
[72] GHANEM, JEAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL INSTRUMENT WITH END EFFECTOR HAVING RESTRICTED ARTICULATION**
[54] **INSTRUMENT CHIRURGICAL A ULTRASONS AYANT UN EFFECTEUR FINAL AYANT UNE ARTICULATION RESTREINTE**
[72] ALDRIDGE, JEFFREY L., US
[72] DICKERSON, BENJAMIN D., US
[72] FALLER, CRAIG N., US
[72] FOX, WILLIAM D., US
[72] MONROE, DAVID A., US
[72] STOKES, MICHAEL J., US
[72] WEISENBURGH, WILLIAM B., II, US
[72] WORRELL, BARRY C., US
[72] OLSON, WILLIAM A., US
[72] STULEN, FOSTER B., US
[71] ETHICON ENDO-SURGERY, LLC, US
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[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/01 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING DRILLING FLUID**
[54] **SYSTEME ET PROCEDE DE GESTION DE FLUIDE DE FORAGE**
[72] YAJURE, EDGAR FERNANDO, CA
[72] BOWLEY, RYAN THOMAS, CA
[71] TESCO CORPORATION, US
[85] 2016-10-21
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[54] **NUAGES DE POINTS 3D**
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[72] FLYNN, MICHAEL, IE
[71] CATHX RESEARCH LTD, IE
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[54] **METHOD FOR PREDICTION OF A PLACEBO RESPONSE IN AN INDIVIDUAL**
[54] **PROCEDE DE PREDICTION D'UNE REPONSE A UN PLACEBO CHEZ UN INDIVIDU**
[72] PEREIRA, ALVARO, BE
[72] DEMOLLE, DOMINIQUE, BE
[72] GOSSUIN, CHANTAL, BE
[72] HELLEPUTTE, THIBAUT, BE
[71] TOOLS4PATIENT SA, BE
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[25] EN
[54] **SET OF EYEGLASS-LENS SEMIFINISHED PRODUCTS AND METHOD FOR THE DESIGN OF SAID SET, METHOD AND DEVICE FOR PRODUCING EYEGLASS LENSES, AND USE OF A SET OF SEMIFINISHED PRODUCTS**
[54] **ENSEMBLE DE VERRES DE LUNETTES SEMI-FINIS ET PROCEDE DE CONCEPTION DE CELUI-CI, PROCEDE ET DISPOSITIF DE FABRICATION DE VERRES DE LUNETTES ET UTILISATION D'UN ENSEMBLE DE VERRES SEMI-FINIS**
[72] MICHELS, GEORG, DE
[72] KRATZER, TIMO, DE
[72] NOWAK, GERD, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2016-10-28
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[54] **METHOD AND DEVICE FOR TESTING A TAP CHANGER OF A TRANSFORMER**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE D'UN COMMUTATEUR A GRADINS D'UN TRANSFORMATEUR**
[72] RADLER, MICHAEL, AT
[72] UNTERER, BORIS, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2016-10-26
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[25] FR
[54] **ARTICLE HAVING OPTIMISED THERMOMECHANICAL PROPERTIES, COMPRISING A LAYER OF TITANO-ORGANIC NATURE**
[54] **ARTICLE A PROPRIETES THERMOMECHANIQUES OPTIMISEES COMPORTANT UNE COUCHE DE NATURE TITANO-ORGANIQUE**
[72] ZABEIDA, OLEG, CA
[72] SCHMITT, THOMAS, CA
[72] SAPIEHA, JOLANTA, CA
[72] MARTINU, LUDVIK, CA
[72] SCHERER, KARIN, FR
[71] CORPORATION DE L'ECOLE POLYTECHNIQUE DE MONTREAL, CA
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[25] EN
[54] **T CELL-REDIRECTED ANTIGEN-BINDING MOLECULE FOR CELLS HAVING IMMUNOSUPPRESSION FUNCTION**
[54] **MOLECULE DE LIAISON A UN ANTIGENE REDIRIGE VERS UN LYMPHOCYTE T POUR CELLULES PRESENTANT UNE FONCTION D'IMMUNOSUPPRESSION**
[72] IGAWA, TOMOYUKI, JP
[72] ISHIGURO, TAKAHIRO, JP
[72] SAKAGUCHI, SHIMON, JP
[72] NISHIKAWA, HIROYOSHI, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[71] OSAKA UNIVERSITY, JP
[85] 2016-10-26
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[54] **AIDED DELIVERY OF PLANT TREATMENT AGENTS**
[54] **ADMINISTRATION ASSISTEE D'AGENTS DE TRAITEMENT DES PLANTES**
[72] LARUE, HUACHUN, US
[72] DONG, FENGGAO, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2016-10-26
[86] 2015-05-01 (PCT/US2015/028955)
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[13] A1

[51] **Int.Cl. B07C 3/00 (2006.01)**
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[54] **DOCUMENT IMAGING SYSTEM AND METHOD FOR IMAGING DOCUMENTS**
[54] **SYSTEME D'IMAGERIE DE DOCUMENTS ET PROCEDE D'IMAGERIE DE DOCUMENTS**
[72] SULLIVAN, MICHAEL, US
[72] ALLEN, JOHN, US
[72] HELMLINGER, DAVID, US
[72] DEWITT, ROBERT, US
[72] YORK, MICHAEL, US
[72] ESCHER, ROBERT, US
[72] O'MARA, KERRY D., US
[72] MILLER, GARY, US
[71] OPEX CORPORATION, US
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[25] EN
[54] **MULTILAYER COMPOSITE WASTE TUBE**
[54] **TUBE COMPOSITE MULTICOUCHE A DECHETS**
[72] KAVANAUGH, GERRY, CA
[72] WIEBE, JOERG, US
[71] RAMPF COMPOSITE SOLUTIONS INC., CA
[85] 2016-10-27
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[25] EN
[54] **A METHOD AND SYSTEM FOR GENERATING AND TRANSMITTING TERAHERTZ**
[54] **PROCEDE ET SYSTEME DESTINES A LA GENERATION ET A LA TRANSMISSION DE TERAHERTZ**
[72] CLERICI, MATTEO, GB
[72] MAZHOROVA, ANNA, CA
[72] MRIDHA, MANOJ, CA
[72] JESTIN, YOANN, CA
[72] MORANDOTTI, ROBERTO, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[71] HERIOT WATT UNIVERSITY, GB
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[25] EN
[54] **SNACK FOOD SEASONING**
[54] **ASSAISONNEMENT POUR EN-CAS**
[72] BERI, AKASH, GB
[72] ALLEN, RACHAEL, GB
[72] LINTER, BRUCE, GB
[72] HAMILTON, IAN, GB
[72] NORTON, IAN, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
[85] 2016-10-27
[86] 2015-04-24 (PCT/EP2015/058989)
[87] (WO2015/165831)
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[25] EN
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[54] **ASSAISONNEMENT POUR ALIMENT DE TYPE EN-CAS**
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[72] ALLEN, RACHAEL, GB
[72] LINTER, BRUCE, GB
[72] WATSON, RICHARD, GB
[72] SPYROPOULOS, FOTIS, GB
[72] NORTON, IAN, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
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[54] **QUANTIFICATION DE TRACES MULTIPLES**
[72] IVOSEV, GORDANA, CA
[71] DII TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[30] US (61/985,335) 2014-04-28

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[54] **ELECTRONIC CONTACTLESS HORN AND SOUND DEVICE**
[54] **AVERTISSEUR ET DISPOSITIF SONORES ELECTRONIQUES SANS CONTACT**
[72] PATEL, SANJIV, US
[71] PATEL, SANJIV, US
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[25] EN
[54] **ROBUST VISCOSITY ESTIMATION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'ESTIMATION ROBUSTE DE VISCOSITE**
[72] LIU, ZHENGCHUN, US
[72] SAMUEL, ROBELLO, US
[72] GONZALES, ADOLFO, US
[72] KANG, YONGFENG, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **ADMINISTRATION OF CITICOLINE TO IMPROVE COGNITIVE PERFORMANCE, ATTENTIONAL PERFORMANCE, AND MOTOR FUNCTION**
[54] **ADMINISTRATION DE CITICOLINE POUR AMELIORER LA PERFORMANCE COGNITIVE, LES TROUBLES DE L'ATTENTION, ET LA FONCTION MOTRICE**
[72] YURGELUN-TODD, DEBORAH, US
[72] RENSHAW, PERRY, US
[72] TAKADA, MIHO, JP
[72] IKEDA, TAKESHI, JP
[72] MORITA, MASAHICO, JP
[71] KYOWA HAKKO BIO CO., LTD., JP
[85] 2016-10-27
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[87] (WO2015/166463)
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[25] EN
[54] **GAS TURBINE CYCLE EQUIPMENT, EQUIPMENT FOR RECOVERING CO2 FROM FLUE GAS, AND METHOD FOR RECOVERING EXHAUST HEAT FROM COMBUSTION FLUE GAS**
[54] **EQUIPEMENT A CYCLE DE TURBINE A GAZ, EQUIPEMENT POUR RECUPERER DU CO2 A PARTIR DE GAZ D'ECHAPPEMENT, ET PROCEDE POUR RECUPERER UNE CHALEUR D'ECHAPPEMENT A PARTIR DE GAZ D'ECHAPPEMENT DE COMBUSTION**
[72] IJIMA, MASAKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-10-27
[86] 2015-04-24 (PCT/JP2015/062473)
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[54] **VARIANTS OF DR3 AND USE THEREOF**
[54] **VARIANTS DU DR3 ET LEUR UTILISATION**
[72] AHARONI, AMIR, IL
[72] LEVIN, ITAY, IL
[71] THE NATIONAL INSTITUTE FOR BIOTECHNOLOGY IN THE NEGEV LTD., IL
[85] 2016-10-27
[86] 2015-04-27 (PCT/IL2015/050435)
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[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING HYDROGEN-CONTAINING DRINKING WATER**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'EAU POTABLE CONTENANT DE L'HYDROGENE**
[72] IGARASHI, JUNICHI, JP
[71] SHEFCO CO., LTD., JP
[85] 2016-10-27
[86] 2015-04-28 (PCT/JP2015/062895)
[87] (WO2015/166967)
[30] JP (2014-092648) 2014-04-28

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[54] **IDENTIFICATION OF WEAK ZONES IN ROTARY DRILL BITS DURING OFF-CENTER ROTATION**
[54] **IDENTIFICATION DE ZONES FAIBLES DANS DES TREPANS DE FORAGE ROTATIFS PENDANT LA ROTATION DECENTREE**
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-27
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[87] (WO2015/191040)

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[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **NON-BURNING-TYPE FLAVOR INHALER**
[54] **INHALATEUR D'AROMES SANS COMBUSTION**
[72] TAKEUCHI, MANABU, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
[85] 2016-10-27
[86] 2015-04-30 (PCT/JP2015/063040)
[87] (WO2015/167001)
[30] JP (2014-095164) 2014-05-02

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[51] **Int.Cl. B22D 1/00 (2006.01) C22C 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING MOLTEN METALS FOR CASTING AT A LOW TO ZERO SUPERHEAT TEMPERATURE**
[54] **PROCEDE DE PREPARATION DE METAUX EN FUSION POUR COULEE A UNE TEMPERATURE DE SURCHAUFFE FAIBLE A NULLE**
[72] WANNASIN, JESSADA, TH
[72] FLEMINGS, MERTON C., US
[71] GISSCO COMPANY LIMITED, TH
[85] 2016-10-27
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[13] A1

[51] **Int.Cl. A61M 37/00 (2006.01)**
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[54] **INFUSION PUMP PRESSURE PLATE**
[54] **PLAQUE DE PRESSION DE POMPE A PERFUSION**
[72] MOOSAI, SHIVA, US
[71] SMITHS MEDICAL ASD, INC., US
[85] 2016-10-27
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[54] SYSTEMS AND METHODS FOR PROCESSING EVENT TIMING IMAGES

[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'IMAGES DE TIMING D'EVENEMENT

[72] ALDRIDGE, JEREMY W., US

[72] DEANGELIS, DOUGLAS J., US

[72] SIGEL, KIRK M., US

[72] CIHOLAS, MIKE E., US

[72] BLAYLOCK, PAUL R., US

[72] HOLLINGER, HERB A., US

[72] HALLAM, EVAN A., US

[71] LYNX SYSTEM DEVELOPERS, INC., US

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[54] CHANNELIZED INFLATABLE BODIES AND METHODS FOR MAKING THE SAME

[54] CORPS GONFLABLES A CANAUX ET LEURS PROCEDES DE FABRICATION

[72] MARSON, JAMES, US

[72] JACOT, DOUG, US

[71] CASCADE DESIGNS, INC., US

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[86] 2014-09-25 (PCT/US2014/057563)

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[54] METHODS FOR TREATING CANCER USING NUCLEIC ACIDS TARGETING MDM2 OR MYCN

[54] PROCEDES DE TRAITEMENT DU CANCER AU MOYEN D'UN ACIDE NUCLEIQUE DECIBLAGE DE MDM2 OU MYCN

[72] BYRNE, MICHAEL, US

[72] BULLOCK, KAREN G., US

[72] CARDIA, JAMES, US

[71] RXI PHARMACEUTICALS CORPORATION, US

[85] 2016-10-27

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[54] INHALATEUR D'AROME SANS COMBUSTION

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[72] NAKANO, TAKUMA, JP

[72] YAMADA, MANABU, JP

[71] JAPAN TOBACCO INC., JP

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[87] (WO2015/167000)

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[54] PEDIATRIC TRANSPORT HARNESS FOR AN AMBULANCE COT

[54] HARNAIS DE TRANSPORT PEDIATRIQUE POUR UNE CIVIERE D'AMBULANCE

[72] CHIA, ORLANDO, CA

[72] WHITAKER, BRUCE, CA

[71] FERNO-WASHINGTON, INC., US

[85] 2016-10-27

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[87] (WO2015/168227)

[30] US (14/266,041) 2014-04-30

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[13] A1

[51] Int.Cl. A61B 17/32 (2006.01)

[25] EN

[54] ULTRASONIC SURGICAL INSTRUMENT ASSEMBLY, RELATED ACCESSORY, AND ASSOCIATED SURGICAL METHOD

[54] ENSEMBLE INSTRUMENT CHIRURGICAL A ULTRASONS, ACCESSOIRE ASSOCIE, ET PROCEDE CHIRURGICAL ASSOCIE

[72] DARIAN, ALEXANDER, US

[71] MISONIX, INCORPORATED, US

[85] 2016-10-27

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[87] (WO2015/167925)

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[51] Int.Cl. B41J 3/46 (2006.01) G06Q 30/06 (2012.01) G06F 3/0488 (2013.01) G03B 13/02 (2006.01)

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[54] TRANSFER OF MOBILE DEVICE CAMERA IMAGE TO AN IMAGE-SUPPORTING SURFACE

[54] TRANSFERT D'IMAGE D'APPAREIL PHOTO DE DISPOSITIF MOBILE SUR UNE SURFACE DE SUPPORT D'IMAGE

[72] KRILIVSKY, MICHAEL, US

[71] RAGEON, INC., US

[85] 2016-10-27

[86] 2015-04-29 (PCT/US2015/028292)

[87] (WO2015/168285)

[30] US (61/987,242) 2014-05-01

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[54] **METHOD AND SYSTEM FOR AUTHENTICATION TOKEN GENERATION**
[54] **PROCEDE ET SYSTEME DE GENERATION DE JETONS D'AUTHENTIFICATION**
[72] PIEL, BRIAN, US
[72] HEY, MARK, US
[72] BAKER, PAUL, GB
[72] WILLIAMSON, GREGORY D., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-10-27
[86] 2015-04-29 (PCT/US2015/028338)
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[30] US (14/266,154) 2014-04-30

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[51] **Int.Cl. A61B 10/02 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **INTRODUCER FOR BIOPSY DEVICE**
[54] **INTRODUCTEUR POUR DISPOSITIF DE BIOPSIE**
[72] HOUSEHOLDER, ROBERT M., US
[72] RHAID, EDWARD A., US
[72] NOCK, ANDREW PAUL, US
[72] FIEBIG, KEVIN M., US
[71] DEVICOR MEDICAL PRODUCTS, INC., US
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[54] **APPAREIL POUR DISSUADER UN CHIEN OU AUTRE ANIMAL DE COURIR**
[72] ROGERS, THOMAS D., US
[71] ROGERS, THOMAS D., US
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[54] **TETRAHYDROQUINOLINE SULFONAMIDE AND RELATED COMPOUNDS FOR USE AS AGONISTS OF RORY AND THE TREATMENT OF DISEASE**
[54] **SULFONAMIDE DE TETRAHYDROQUINOLINE ET COMPOSES APPARENTES DESTINES A SERVIR D'AGONISTES DE RORY ET POUR LE TRAITEMENT DE MALADIES**
[72] AICHER, THOMAS DANIEL, US
[72] TAYLOR, CLARKE B., US
[72] VANHUIS, CHAD A., US
[71] LYCERA CORPORATION, US
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[13] A1

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[54] **TREATMENT OF CROHN'S DISEASE WITH DELAYED-RELEASE 6-MERCAPTOPURINE**
[54] **TRAITEMENT DE LA MALADIE DE CROHN AVEC DE LA 6-MERCAPTOPURINE A LIBERATION RETARDEE**
[72] KOLATCH, BRENDA, IL
[72] HOTOVELY-SALOMON, ANNA, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2016-10-27
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[30] US (61/988,068) 2014-05-02
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[54] **LUMEN-LESS ILLUMINATION SYSTEM**
[54] **SYSTEME D'ECLAIRAGE SANS LUMIERE INTERIEURE**
[72] SINOFSKY, EDWARD L., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-10-27
[86] 2015-04-29 (PCT/US2015/028225)
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[30] US (61/985,982) 2014-04-29

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[25] EN
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[54] **MACHINE SYNCHRONE A ENROULEMENT DE CHAMP AVEC DISPOSITIF RESONANT D'EXCITATION DE CHAMP**
[72] BOX, GARY, US
[71] GBOX LLC, US
[85] 2016-10-27
[86] 2015-05-07 (PCT/US2015/029729)
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[51] **Int.Cl. A61B 3/107 (2006.01) A61B 3/00 (2006.01) A61B 3/14 (2006.01)**
[25] EN
[54] **GRADING CORNEAL FLUORESCIN STAINING**
[54] **CLASSEMENT DE COLORATION CORNEENNE A LA FLUORESCINE**
[72] DANA, REZA, US
[72] PULIDO, FRANCISCO L. AMPARO, US
[72] WANG, HAOBING, US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
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[54] **PORTEUR POUR RECIPIENTS**
[72] HOLLEY, JOHN MURDICK, JR., US
[71] GRAPHIC PACKAGING
INTERNATIONAL, INC., US
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[13] A1
[51] **Int.Cl. A01N 43/00 (2006.01) A01N 25/34 (2006.01)**
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[54] **REVETEMENTS DE SURFACE ANTIMICROBIENS**
[72] CAO, ZHENGBO, US
[72] SUN, XINBO, US
[72] JOHNSTON, SIMON, US
[71] CAO, ZHENGBO, US
[71] SUN, XINBO, US
[71] JOHNSTON, SIMON, US
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[87] (WO2015/171514)
[30] US (61/988,642) 2014-05-05

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[13] A1
[51] **Int.Cl. F04B 39/00 (2006.01) F04B 27/04 (2006.01)**
[25] EN
[54] **CONNECTING ROD FOR AN AIR COMPRESSOR**
[54] **BIELLE DESTINEE A UN COMPRESSEUR D'AIR**
[72] HIRTZ, JEFFREY, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2016-10-27
[86] 2015-05-11 (PCT/US2015/030123)
[87] (WO2015/172137)
[30] US (61/990,974) 2014-05-09
[30] US (14/705,360) 2015-05-06

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[13] A1
[51] **Int.Cl. F04B 39/06 (2006.01) F04B 35/00 (2006.01) F04B 39/08 (2006.01)**
[25] EN
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[54] **AGENCEMENT DE REFROIDISSEMENT DE CARTER DE COMPRESSEUR SANS HUILE**
[72] HIRTZ, JEFFREY, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2016-10-27
[86] 2015-05-11 (PCT/US2015/030154)
[87] (WO2015/172145)
[30] US (61/990,934) 2014-05-09
[30] US (14/705,319) 2015-05-06

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[25] EN
[54] **NIACIN FORMULATION**
[54] **FORMULATION DE NIACINE**
[72] MULET, XAVIER, AU
[72] SZTO, GREGORY YU FOO, AU
[72] KANNAR, DAVID, AU
[71] ZEENAR ENTERPRISES PTY LTD, AU
[85] 2016-10-28
[86] 2014-05-09 (PCT/AU2014/050032)
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[30] AU (2013903276) 2013-08-28

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[51] **Int.Cl. C12N 7/00 (2006.01) A01K 67/027 (2006.01) A61K 49/00 (2006.01) C07K 14/47 (2006.01) C07K 14/505 (2006.01) C07K 14/52 (2006.01) C07K 14/535 (2006.01) C07K 14/54 (2006.01) C07K 14/715 (2006.01) C12N 9/00 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED NON-HUMAN ANIMALS EXPRESSING HUMAN EPO**
[54] **ANIMAUX NON HUMAINS GENETIQUEMENT MODIFIES EXPRIMANT L'EPO HUMAINE**
[72] MURPHY, ANDREW J., US
[72] STEVENS, SEAN, US
[72] FLAVELL, RICHARD, US
[72] MANZ, MARKUS, CH
[72] SHAN, LIANG, US
[71] REGENERON PHARMACEUTICALS, INC., US
[71] YALE UNIVERSITY, US
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB), CH
[85] 2016-10-27
[86] 2015-05-18 (PCT/US2015/031429)
[87] (WO2015/179317)
[30] US (62/000,460) 2014-05-19

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[13] A1
[51] **Int.Cl. A61K 51/12 (2006.01) A61N 5/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING RENAL CELL CARCINOMA**
[54] **METHODE DE TRAITEMENT DU CARCINOME DES CELLULES RENALES**
[72] CADE, DAVID, AU
[71] SIRTIX MEDICAL LIMITED, AU
[85] 2016-10-28
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[87] (WO2015/168726)
[30] AU (2014901697) 2014-05-08

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[25] EN

[54] **ROTARY STEPPING ACTUATOR FOR VALVE**

[54] **ACTIONNEUR PAS A PAS ROTATIF POUR VANNE**

[72] BOHAYCHUK, LARRY J., CA

[71] MASTER FLO VALVE INC., CA

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[87] (WO2015/164947)

[30] US (61/988,036) 2014-05-02

[21] **2,947,312**
[13] A1

[51] **Int.Cl. G01F 1/66 (2006.01)**

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[54] **METHOD AND SYSTEM FOR DETECTING AIRCRAFT INDUCED WAKE TURBULENCE**

[54] **PROCEDE ET SYSTEME DE DETECTION DE TURBULENCE DE SILLAGE PROVOQUEE PAR UN AERONEF**

[72] MARTIN, ANDREW LOUIS, AU

[71] WINDBIDCO PTY LTD, AU

[85] 2016-10-28

[86] 2015-04-21 (PCT/AU2015/000238)

[87] (WO2015/164905)

[30] AU (2014901525) 2014-04-28

[21] **2,947,314**
[13] A1

[51] **Int.Cl. E21B 19/24 (2006.01) E21B 17/10 (2006.01)**

[25] EN

[54] **COLLAR SWAGING OF SINGLE-PIECE CENTRALIZERS**

[54] **ESTAMPAGE DE COLLIER DE CENTREURS D'UNE SEULE PIECE**

[72] RIBBLE, GEORGE W., US

[72] BETIK, MICHAEL L., US

[72] STEWART, DAVID HARRIS, US

[72] MILLER, EUGENE EDWARD, US

[71] ANTELOPE OIL TOOL & MFG. CO., LLC, US

[85] 2016-10-27

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[87] (WO2015/171758)

[30] US (61/989,699) 2014-05-07

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[13] A1

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[54] **PRESSURE CHAMBER FOR BLOWN FILM EXTRUSION**

[54] **CHAMBRE SOUS PRESSION POUR L'EXTRUSION DE FEUILLE SOUFFLEE**

[72] WYBENGA, WILLIAM, CA

[71] BRAMPTON ENGINEERING INC., CA

[85] 2016-10-28

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[87] (WO2015/172226)

[30] US (61/992,529) 2014-05-13

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[13] A1

[51] **Int.Cl. A45D 33/00 (2006.01) A45D 33/22 (2006.01) A45D 33/26 (2006.01)**

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[54] **PORTABLE MAKEUP PORTFOLIO**

[54] **MALLETTE DE MAQUILLAGE PORTATIVE**

[72] OLYNYK, NYLA MANSFIELD, CA

[71] OLYNYK, NYLA MANSFIELD, CA

[85] 2016-10-28

[86] 2016-02-04 (PCT/CA2016/050100)

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[30] US (62/111,792) 2015-02-04

[21] **2,947,320**
[13] A1

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[54] **METHODS FOR DETERMINING LYMPHOCYTE RECEPTOR CHAIN PAIRS**

[54] **PROCEDES PERMETTANT DE DETERMINER DES PAIRES DE CHAINES DES RECEPTEURS DE LYMPHOCYTES**

[72] HANSEN, CARL LARS GENGHIS, CA

[72] MEWIS, GEORGIA ELIZABETH, CA

[72] HEYRIES, KEVIN ALBERT, CA

[72] DA COSTA, DANIEL JAY, CA

[72] RICICOVA, MARKETA, CA

[72] VANINSBERGHE, MICHAEL ANDREW, CA

[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA

[85] 2016-10-28

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[30] US (62/002,152) 2014-05-22

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[51] **Int.Cl. F28F 9/00 (2006.01) F02M 31/20 (2006.01) F28D 1/06 (2006.01) F28F 9/24 (2006.01) F28F 13/06 (2006.01)**

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[54] **MANIFOLD STRUCTURE FOR REDIRECTING A FLUID STREAM**

[54] **STRUCTURE DE COLLECTEUR PERMETTANT DE REDIRIGER UN COURANT DE FLUIDE**

[72] BUCKRELL, ANDREW, CA

[72] GERGES, IHAB EDWARD, CA

[72] KENNEY, BENJAMIN A., CA

[71] DANA CANADA CORPORATION, CA

[85] 2016-10-28

[86] 2015-05-01 (PCT/CA2015/050372)

[87] (WO2015/164977)

[30] US (61/987,570) 2014-05-02

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[13] A1
[51] Int.Cl. H04W 88/02 (2009.01)
[25] EN
[54] METHOD AND APPARATUS FOR DISCRIMINATING BETWEEN VOICE SIGNALS
[54] PROCEDE ET APPAREIL DE DIFFERENCIATION DE SIGNAUX VOCAUX
[72] HAN, JIAN, CN
[72] CARTER, CHARLES H., US
[72] CORRETTIER, JESUS F., US
[72] DUAN, MENG-GE, CN
[72] GAO, YI, CN
[72] TAN, CHEAH HENG, MY
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-28
[86] 2014-04-30 (PCT/CN2014/076598)
[87] (WO2015/165076)

[21] 2,947,325
[13] A1
[51] Int.Cl. H04L 29/06 (2006.01)
[25] EN
[54] PROTOCOL TYPE IDENTIFICATION METHOD AND APPARATUS
[54] PROCEDE ET DISPOSITIF D'IDENTIFICATION D'UN TYPE DE PROTOCOLE
[72] PAN, NENGYI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-28
[86] 2015-02-09 (PCT/CN2015/072529)
[87] (WO2015/165296)
[30] CN (201410177705.0) 2014-04-29

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[13] A1
[51] Int.Cl. E04B 1/348 (2006.01) E04B 1/343 (2006.01) E04B 1/35 (2006.01) E04B 1/38 (2006.01) E04C 5/16 (2006.01) F16B 7/00 (2006.01) F16S 3/04 (2006.01)
[25] EN
[54] STRUCTURAL MODULAR BUILDING CONNECTOR
[54] RACCORD MODULAIRE STRUCTURAL DE CONSTRUCTION
[72] BOWRON, JULIAN, CA
[71] BOWRON, JULIAN, CA
[85] 2016-10-28
[86] 2015-04-30 (PCT/CA2015/050369)
[87] (WO2015/164975)
[30] US (61/986,438) 2014-04-30

[21] 2,947,327
[13] A1
[51] Int.Cl. E21B 47/12 (2012.01) E21B 47/01 (2012.01)
[25] EN
[54] METHOD FOR DEPLOYING A RETRIEVABLE MWD TOOL IN A NON-RETRIEVABLE ENVIRONMENT
[54] PROCEDE PERMETTANT D'ALIGNER UN OUTIL DE OUTIL DE MESURE EN COURS DE FORAGE A L'AIDE D'UN ENSEMBLE DISPOSITIF DE SUSPENSION D'ORIENTATION
[72] MACDONALD, CRAIG, US
[72] MILLER, MARK, US
[71] GE ENERGY OIL FIELD TECHNOLOGY, INC., US
[85] 2016-10-27
[86] 2015-05-01 (PCT/US2015/028716)
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[30] US (14/271,059) 2014-05-06

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[51] Int.Cl. C07C 271/28 (2006.01) A61K 31/167 (2006.01) A61K 31/17 (2006.01) A61K 31/27 (2006.01) A61K 31/277 (2006.01) A61K 31/341 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 25/08 (2006.01) A61P 25/28 (2006.01) C07C 231/02 (2006.01) C07C 233/62 (2006.01) C07C 235/16 (2006.01) C07C 235/74 (2006.01) C07C 237/04 (2006.01) C07C 237/22 (2006.01) C07C 269/04 (2006.01) C07C 269/06 (2006.01) C07C 273/18 (2006.01) C07C 275/64 (2006.01) C07C 333/08 (2006.01) C07D 307/24 (2006.01)
[25] EN
[54] A NOVEL KCNQ POTASSIUM CHANNEL AGONIST, THE PREPARATION METHOD THEREFOR AND USE THEREOF
[54] NOUVEL AGONISTE DES CANAUX POTASSIQUES KCNQ, SON PROCEDE DE PREPARATION ET SON UTILISATION
[72] NAN, FAJUN, CN
[72] LI, MIN, CN
[72] GAO, ZHAOBING, CN
[72] ZHANG, YANGMING, CN
[72] HU, HAINING, CN
[72] XU, HAIYAN, CN
[72] LIU, HUANAN, CN
[72] PI, XIAOPING, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[86] 2015-04-22 (PCT/CN2015/077216)
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[30] CN (201410175315.X) 2014-04-28

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[13] A1
- [51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 1/04 (2006.01) A61P 1/16 (2006.01) A61P 3/10 (2006.01) A61P 5/20 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01) A61P 21/04 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/00 (2006.01) A61P 37/02 (2006.01) C07C 43/29 (2006.01) C07C 45/29 (2006.01) C07C 49/813 (2006.01) C07C 303/38 (2006.01) C07C 311/08 (2006.01) C07D 213/81 (2006.01) C07D 215/22 (2006.01) C07D 215/233 (2006.01) C07D 239/34 (2006.01) C07D 519/00 (2006.01) C07F 5/04 (2006.01)**
- [25] EN
- [54] **MULTI-FLUORO-SUBSTITUTED COMPOUND AS BRUTON'S TYROSINE KINASE (BTK) INHIBITOR**
- [54] **COMPOSES POLYFLUORES AGISSANT EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
- [72] HE, WEI, CN
- [71] ZHEJIANG DTRM BIOPHARMA CO., LTD., CN
- [85] 2016-10-28
- [86] 2015-04-27 (PCT/CN2015/000290)
- [87] (WO2015/165279)
- [30] CN (201410175783.7) 2014-04-29

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[13] A1
- [51] **Int.Cl. E02F 9/28 (2006.01)**
- [25] EN
- [54] **TOOTH AND ADAPTOR FOR ATTACHMENT OF THE TOOTH TO A WORKING MACHINE**
- [54] **DENT ET ADAPTEUR POUR FIXATION DE LA DENT A UNE MACHINE DE TRAVAIL**
- [72] PEREZ SORIA, FRANCISCO, ES
- [72] SANCHEZ GUISSADO, FERMIN, ES
- [72] ROL CORREDOR, JAVIER, ES
- [72] TRIGINER BOXEDA, JORGE, ES
- [71] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
- [85] 2016-10-28
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- [30] EP (14382157.7) 2014-04-28

- [21] **2,947,358**
[13] A1
- [51] **Int.Cl. A61K 39/00 (2006.01)**
- [25] EN
- [54] **BIOMARKER DIRECTED MULTI-TARGET IMMUNOTHERAPY**
- [54] **IMMUNOTHERAPIE MULTICIBLES DIRIGEE CONTRE UN BIOMARQUEUR**
- [72] PETT, ROBERT, US
- [71] ADVAXIS, INC., US
- [85] 2016-08-16
- [86] 2015-02-18 (PCT/US2015/016348)
- [87] (WO2015/126921)
- [30] US (61/941,072) 2014-02-18

- [21] **2,947,360**
[13] A1
- [51] **Int.Cl. G10L 19/02 (2013.01) G10L 19/04 (2013.01)**
- [25] EN
- [54] **AUDIO CODING METHOD AND RELATED APPARATUS**
- [54] **PROCEDE DE CODAGE AUDIO ET DISPOSITIF ASSOCIE**
- [72] WANG, ZHE, CN
- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
- [85] 2016-10-28
- [86] 2014-11-05 (PCT/CN2014/090369)
- [87] (WO2015/165233)
- [30] CN (201410177838.8) 2014-04-29

- [21] **2,947,364**
[13] A1
- [51] **Int.Cl. G01V 3/18 (2006.01) E21B 47/00 (2012.01) E21B 47/12 (2012.01)**
- [25] EN
- [54] **A MAGNETIC INDUCTION SENSOR WITH AN ELECTRO-OPTICAL TRANSDUCER AND RELATED METHODS AND SYSTEMS**
- [54] **CAPTEUR A INDUCTION MAGNETIQUE AVEC TRANSDUCTEUR ELECTRO-OPTIQUE ET PROCEDES ET SYSTEMES ASSOCIES**
- [72] WILSON, GLENN A., US
- [72] MANDVIWALA, TASNEEM A., US
- [72] DONDERICI, BURKAY, US
- [72] FOUDA, AHMED, US
- [72] SAMSON, ETIENNE, US
- [71] HALLIBURTON ENERGY SERVICES, INC., US
- [85] 2016-10-27
- [86] 2014-05-19 (PCT/US2014/038542)
- [87] (WO2015/178876)

- [21] **2,947,370**
[13] A1
- [51] **Int.Cl. C23C 22/00 (2006.01) C23C 22/08 (2006.01) C23G 1/00 (2006.01) C23G 1/02 (2006.01) C23G 3/00 (2006.01)**
- [25] EN
- [54] **TREATMENT DEVICE AND TREATMENT METHOD FOR PICKLING AND PHOSPHATING METAL PARTS**
- [54] **DISPOSITIF ET PROCEDE DE TRAITEMENT POUR DECAPER ET PHOSPHATER DES PIECES METALLIQUES**
- [72] SCHONBERG, JOACHIM, DE
- [71] RIO VERWALTUNGS AG, CH
- [85] 2016-10-28
- [86] 2015-02-04 (PCT/EP2015/052326)
- [87] (WO2015/165600)
- [30] DE (10 2014 006 315.1) 2014-04-30

- [21] **2,947,371**
[13] A1
- [51] **Int.Cl. H04W 12/04 (2009.01) H04W 36/00 (2009.01) H04W 84/12 (2009.01)**
- [25] EN
- [54] **PROTECTING WLCP MESSAGE EXCHANGE BETWEEN TWAG AND UE**
- [54] **PROTECTION D'ECHANGE DE MESSAGES WLCP ENTRE TWAG ET UE**
- [72] ROELAND, DINAND, SE
- [72] ROMMER, STEFAN, SE
- [72] NORRMAN, KARL, SE
- [72] LEITOVIRTA, VESA, FI
- [71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
- [85] 2016-11-02
- [86] 2015-04-15 (PCT/EP2015/058140)
- [87] (WO2015/169552)
- [30] US (61/988,613) 2014-05-05

- [21] **2,947,375**
[13] A1
- [51] **Int.Cl. F16B 2/08 (2006.01) F16L 33/02 (2006.01)**
- [25] EN
- [54] **COMPRESSION RING**
- [54] **BAGUE DE SERRAGE**
- [72] WIDRIG, MARKUS, CH
- [72] MULLER, MANUEL, CH
- [71] OETIKER SCHWEIZ AG, CH
- [85] 2016-10-28
- [86] 2015-02-20 (PCT/EP2015/053619)
- [87] (WO2016/045801)
- [30] EP (14186647.5) 2014-09-26

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[21] 2,947,384
[13] A1
[51] Int.Cl. H04R 1/28 (2006.01) H04R 1/10 (2006.01)
[25] FR
[54] DEVICE FOR TRANSMITTING SOUNDS FOR INTRA-AURICULAR EARPIECE AND INTRA-AURICULAR EARPIECE
[54] DISPOSITIF DE TRANSMISSION DE SONS POUR ECOUTEUR INTRA-AURICULAIRE ET ECOUTEUR INTRA-AURICULAIRE
[72] DELAMOUR, DOMINIQUE, FR
[71] CHENE, RICHARD, FR
[71] DELAMOUR, DOMINIQUE, FR
[71] MIKLITARIAN, ALAIN, FR
[85] 2016-10-28
[86] 2015-05-04 (PCT/EP2015/059639)
[87] (WO2015/169713)
[30] FR (1454035) 2014-05-05

[21] 2,947,389
[13] A1
[51] Int.Cl. A61M 39/10 (2006.01)
[25] EN
[54] TUBULAR FITTING FOR MEDICAL FLUID LINES
[54] RACCORD TUBULAIRE POUR VOIES DE FLUIDE MEDICAL
[72] GUALA, GIANNI, IT
[71] INDUSTRIE BORLA S.P.A., IT
[85] 2016-10-28
[86] 2014-07-21 (PCT/IB2014/063278)
[87] (WO2015/173612)
[30] IT (TO2014A000371) 2014-05-12

[21] 2,947,390
[13] A1
[51] Int.Cl. A01N 37/04 (2006.01) A01N 65/20 (2009.01) A01N 59/00 (2006.01) A01N 63/02 (2006.01) A01P 1/00 (2006.01) A23B 7/154 (2006.01) A61K 35/64 (2015.01) A61L 15/42 (2006.01)
[25] EN
[54] ANTIMICROBIAL COMPOSITIONS
[54] COMPOSITIONS ANTIMICROBIENNES
[72] PATTON, THOMAS, IE
[72] BRENNAN, JAMES, IE
[72] BARRETT, JOHN REGINALD, IE
[72] STAPLES, IAN, GB
[71] MATOKE HOLDINGS LIMITED, GB
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[86] 2014-04-30 (PCT/GB2014/051337)
[87] (WO2015/166197)

[21] 2,947,392
[13] A1
[51] Int.Cl. A61N 5/06 (2006.01) A61K 41/00 (2006.01) A61N 5/08 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR MULTIWAVELENGTH PHOTODYNAMIC THERAPY
[54] APPAREIL ET PROCEDE POUR THERAPIE PHOTODYNAMIQUE A MULTIPLES LONGUEURS D'ONDE
[72] DUMOULIN-WHITE, ROGER, CA
[72] EMBREE, WAYNE, CA
[72] MANDEL, ARKADY, CA
[71] THERALASE TECHNOLOGIES, INC., CA
[85] 2016-10-28
[86] 2015-04-29 (PCT/IB2015/000597)
[87] (WO2015/166333)
[30] US (61/986,071) 2014-04-29

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[13] A1
[51] Int.Cl. H05B 33/02 (2006.01) G02B 3/00 (2006.01) G02B 5/18 (2006.01) H01L 51/50 (2006.01) H05B 33/22 (2006.01)
[25] EN
[54] LIGHT EMITTER
[54] DISPOSITIF ELECTROLUMINESCENT
[72] NISHIMURA, SUZUSHI, JP
[72] SHIBANUMA, TOSHIHIKO, JP
[72] TORIYAMA, SHIGETAKA, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2016-10-28
[86] 2015-04-24 (PCT/JP2015/062507)
[87] (WO2015/166884)
[30] JP (2014-093051) 2014-04-28

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[13] A1
[51] Int.Cl. A61K 38/00 (2006.01) A61K 9/19 (2006.01) A61K 47/26 (2006.01) A61P 1/16 (2006.01)
[25] EN
[54] LYOPHILIZED FORMULATION OF HGF
[54] PREPARATION DE HGF LYOPHILISEE
[72] OHORI, RYO, JP
[72] HORIE, KANTA, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2016-10-28
[86] 2015-04-24 (PCT/JP2015/062523)
[87] (WO2015/166885)
[30] JP (2014-092888) 2014-04-28

[21] 2,947,397
[13] A1
[51] Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)
[25] EN
[54] METHODS OF PRODUCING PARTICLES HAVING TWO DIFFERENT PROPERTIES
[54] PROCEDES DE PRODUCTION DE PARTICULES AYANT DEUX PROPRIETES DIFFERENTES
[72] MCDANIEL, CATO R., US
[72] JAMISON, DALE E., US
[72] POBER, KENNETH W., US
[72] YE, XIANGNAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-06-05 (PCT/US2014/041145)
[87] (WO2015/187168)

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[13] A1

[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **TITANIUM MATERIAL FOR SEPARATOR OF SOLID POLYMER FUEL CELL, SEPARATOR USING SAME, AND SOLID POLYMER FUEL CELL COMPRISING SAME**
[54] **MATIERE EN TITANE POUR SEPARATEUR DE PILE A COMBUSTIBLE A ELECTROLYTE POLYMER, SEPARATEUR LA COMPRENANT, ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMER LE COMPRENANT**
[72] IMAMURA, JUNKO, JP
[72] TOKUNO, KIYONORI, JP
[72] KAGAWA, TAKU, JP
[72] KIMOTO, MASANARI, JP
[72] MASAKI, YASUHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-28
[86] 2015-06-01 (PCT/JP2015/065793)
[87] (WO2015/194356)
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[13] A1

[51] **Int.Cl. G01D 5/32 (2006.01)**
[25] EN
[54] **OPTICAL FIBER SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR A FIBRE OPTIQUE**
[72] KARABACAK, DEVREZ MEHMET, NL
[72] VAN RIEL, PAUL, NL
[72] KNOPPERS, GERMAN ENRIQUE, NL
[72] MEULBLOK, BASTIAAN, NL
[72] FREY, STEVEN R., NL
[71] FUGRO TECHNOLOGY B.V., NL
[85] 2016-10-28
[86] 2015-05-01 (PCT/NL2015/050302)
[87] (WO2015/167340)
[30] NL (1040788) 2014-05-01

[21] **2,947,402**
[13] A1

[51] **Int.Cl. G06F 9/445 (2006.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **METHODS FOR FACILITATING A REMOTE INTERFACE AND DEVICES THEREOF**
[54] **PROCEDES POUR FACILITER UNE INTERFACE A DISTANCE ET DISPOSITIFS ASSOCIES**
[72] SCODA, ENRICO, IT
[71] USABLENET INC., US
[85] 2016-10-28
[86] 2015-04-02 (PCT/US2015/024172)
[87] (WO2015/171228)
[30] US (61/988,639) 2014-05-05

[21] **2,947,403**
[13] A1

[51] **Int.Cl. C23C 2/12 (2006.01) C22C 21/00 (2006.01) C22C 21/02 (2006.01)**
[25] EN
[54] **HOT-DIP AL-BASED ALLOY COATED STEEL SHEET EXCELLENT IN WORKABILITY**
[54] **PLAQUE D'ACIER PLAQUEE D'AL FONDU DOTE D'UNE EXCEPTIONNELLE APTITUDE AU FACONNAGE**
[72] FURUKAWA, SHINYA, JP
[72] OKAMOTO, JUNICHI, JP
[72] HATTORI, YASUNORI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2016-10-28
[86] 2014-05-29 (PCT/JP2014/064348)
[87] (WO2015/181936)
[30] JP (2014-108438) 2014-05-26

[21] **2,947,404**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01) C12P 21/08 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **ANTI-MUC1 ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF AND USES THEREOF**
[54] **ANTICORPS ANTI-MUC1 OU FRAGMENT DE LIAISON A L'ANTIGENE DE CE DERNIER ET LEUR UTILISATION**
[72] NISHIMURA, SHINICHIRO, JP
[72] MIYOSHI, RISHO, JP
[72] NARUCHI, KENTARO, JP
[72] TANAKA, MASAKAZU, JP
[72] SATO, MASAHARU, JP
[71] MEDICINAL CHEMISTRY PHARMACEUTICALS, CO., LTD., JP
[85] 2016-10-28
[86] 2015-04-28 (PCT/JP2015/062761)
[87] (WO2015/166934)
[30] JP (2014-092299) 2014-04-28

[21] **2,947,406**
[13] A1

[51] **Int.Cl. H04B 1/38 (2015.01) H04W 76/02 (2009.01)**
[25] EN
[54] **DYNAMIC GATEWAY SELECTION IN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **SELECTION DYNAMIQUE DE PASSERELLE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] JURZAK, PAWEŁ, PL
[72] DWORAKOWSKI, WALDEMAR K., PL
[72] WARZECHA, TOMASZ MARIUSZ, PL
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-28
[86] 2014-04-29 (PCT/PL2014/000043)
[87] (WO2015/167348)

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[21] **2,947,408**
[13] A1
[51] **Int.Cl. B60J 5/06 (2006.01)**
[25] EN
[54] **ARTICULATED GULL WING DOOR**
[54] **PORTE A AILE EN M ARTICULEE**
[72] GREENE, WILLIAM, US
[72] PAULETTI, JOSE, US
[72] GILMOUR, JASON, US
[71] SPINTEK FILTRATION, INC., US
[85] 2016-10-28
[86] 2015-04-10 (PCT/US2015/025344)
[87] (WO2015/167775)
[30] US (14/265,969) 2014-04-30

[21] **2,947,409**
[13] A1
[51] **Int.Cl. H04M 3/51 (2006.01) H04M 3/56 (2006.01)**
[25] EN
[54] **CALL-CENTER TELEPHONE SYSTEM, PRIVACY CALL METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PRIVACY CALL PROGRAM**
[54] **SYSTEME TELEPHONIQUE DE CENTRE D'APPEL, PROCEDE DE COMMUNICATION TELEPHONIQUE PRIVEE, ET SUPPORT LISIBLE PAR ORDINATEUR NON TEMPORAIRE SUR LEQUEL UN PROGRAMME DE COMMUNICATION TELEPHONIQUE PRIVEE A ETE STOCKE**
[72] KOGA, SATOMI, JP
[71] NEC PLATFORMS, LTD., JP
[85] 2016-10-28
[86] 2015-04-09 (PCT/JP2015/002000)
[87] (WO2015/166633)
[30] JP (2014-092475) 2014-04-28

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[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **FAST VISCOACOUSTIC AND VISCOELASTIC FULL-WAVEFIELD INVERSION**
[54] **INVERSION DE CHAMP D'ONDES COMPLET VISCOACOUSTIQUE ET VISCOELASTIQUE RAPIDE**
[72] DENIL, HUSEYIN, US
[72] KANEVSKY, ALEX, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-10-28
[86] 2015-04-22 (PCT/US2015/027087)
[87] (WO2015/199800)
[30] US (62/013,455) 2014-06-17

[21] **2,947,411**
[13] A1
[51] **Int.Cl. B01D 3/36 (2006.01) C07C 17/38 (2006.01) C07C 17/383 (2006.01)**
[25] EN
[54] **SEPARATION OF R-1233 FROM HYDROGEN FLUORIDE**
[54] **SEPARATION DE R-1233 CONTENU DANS DU FLUORURE D'HYDROGENE**
[72] WISMER, JOHN A., US
[72] CHEN, BENJAMIN BIN, US
[71] ARKEMA INC., US
[85] 2016-10-28
[86] 2015-04-13 (PCT/US2015/025510)
[87] (WO2015/167784)
[30] US (14/264,374) 2014-04-29

[21] **2,947,413**
[13] A1
[51] **Int.Cl. A61B 17/68 (2006.01)**
[25] EN
[54] **DEVICE FOR FACILITATING ARTIFICIAL PROSTHESIS INSTALLATION WITH MEASURED APPLIED PRESSURE AND METHOD THEREFOR**
[54] **DISPOSITIF POUR FACILITER L'INSTALLATION DE PROTHESE ARTIFICIELLE AU MOYEN D'UNE PRESSION APPLIQUEE MESUREE, ET PROCEDE POUR CELUI-CI**
[72] BOYER, JOHN STUART, US
[72] ANDERSON, BRUCE REED, US
[71] BOYER ANDERSON, LLC, US
[85] 2016-10-28
[86] 2015-04-27 (PCT/US2015/027723)
[87] (WO2015/167987)
[30] US (61/985,175) 2014-04-28
[30] US (62/031,946) 2014-08-01
[30] US (14/575,160) 2014-12-18

[21] **2,947,415**
[13] A1
[51] **Int.Cl. C11D 3/386 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR HANDLING POTENTIAL PRION CONTAMINATION**
[54] **COMPOSITIONS ET PROCEDES POUR LA GESTION D'UNE CONTAMINATION POTENTIELLE PAR PRIONS**
[72] FRIEZE, MARCIA A., US
[71] CASE MEDICAL, INC., US
[85] 2016-10-28
[86] 2015-04-17 (PCT/US2015/026401)
[87] (WO2015/167828)
[30] US (61/987,924) 2014-05-02
[30] US (14/689,113) 2015-04-17

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[21] **2,947,416**
[13] A1

[51] **Int.Cl. A62B 23/02 (2006.01)**
[25] EN
[54] **FILTERING FACE RESPIRATOR HAVING OPTIMIZED FACIAL FILTER LOCATION**
[54] **RESPIRATEUR FACIAL FILTRANT AYANT UN EMPLACEMENT DE FILTRE FACIAL OPTIMISE**
[72] SABOLIS, ALYSSA WHITNEY, US
[72] WARD, CHRIS, GB
[72] PARIHAM, MICHAEL, US
[72] VOSS, ETHAN DAVID, US
[72] WILSON, GRAHAM PETER, GB
[71] SCOTT TECHNOLOGIES, INC., US
[85] 2016-10-28
[86] 2015-04-28 (PCT/US2015/027923)
[87] (WO2015/168077)
[30] US (61/985,291) 2014-04-28

[21] **2,947,419**
[13] A1

[51] **Int.Cl. F41A 9/60 (2006.01)**
[25] EN
[54] **UNIVERSAL FIREARM MOUNTED RECEIVING APPARATUS FOR CASINGS**
[54] **APPAREIL DE RECEPTION UNIVERSEL MONTE SUR UNE ARME A FEU POUR DOUILLES**
[72] ROSENTHAL, JOSEPH, US
[71] ROSENTHAL, JOSEPH, US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028340)
[87] (WO2015/168317)
[30] US (14/267,822) 2014-05-01

[21] **2,947,421**
[13] A1

[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **ENDODONTIC TREATMENT WITH LONG TERM DRUG DELIVERY SYSTEM**
[54] **TRAITEMENT ENDODONTIQUE AU MOYEN D'UN SYSTEME D'ADMINISTRATION DE MEDICAMENT A LONG TERME**
[72] AMMON, DAN, US
[72] WILKINSON, KEVIN, US
[72] GUTMANN, JAMES L., US
[71] DENTSPLY INTERNATIONAL INC., US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028305)
[87] (WO2015/168292)
[30] US (61/985,659) 2014-04-29

[21] **2,947,422**
[13] A1

[51] **Int.Cl. B64C 27/08 (2006.01) B64C 27/32 (2006.01) B64C 27/68 (2006.01)**
[25] EN
[54] **CLEAN FUEL ELECTRIC MULTIROTOR AIRCRAFT FOR PERSONAL AIR TRANSPORTATION AND MANNED OR UNMANNED OPERATION**
[54] **AERONEF MULTIROTOR ELECTRIQUE A COMBUSTIBLE PROPRE POUR UN TRANSPORT AERIEN DE PERSONNES ET UN FONCTIONNEMENT AVEC PILOTE OU SANS PILOTE**
[72] MORRISON, BRIAN D., US
[71] ALAKAI TECHNOLOGIES CORPORATION, US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028345)
[87] (WO2015/168320)
[30] US (61/987,009) 2014-05-01

[21] **2,947,423**
[13] A1

[51] **Int.Cl. B29C 70/36 (2006.01) B65D 90/02 (2006.01)**
[25] EN
[54] **WASTE AND WATER TANK**
[54] **RESERVOIR D'EAU ET DE DECHETS**
[72] KAVANAUGH, GERRY, CA
[72] WIEBE, JOERG, US
[71] RAMPF COMPOSITE SOLUTIONS INC., CA
[85] 2016-10-27
[86] 2015-04-30 (PCT/CA2015/000288)
[87] (WO2015/164953)
[30] US (61/987,059) 2014-05-01
[30] US (62/111,784) 2015-02-04

[21] **2,947,425**
[13] A1

[51] **Int.Cl. C07C 261/00 (2006.01) C07C 269/00 (2006.01) C07C 277/00 (2006.01) C07C 279/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF CREATINE TRANSPORT AND USES THEREOF**
[54] **INHIBITEURS DE TRANSPORT DE LA CREATINE ET LEURS UTILISATIONS**
[72] MARTINEZ, EDUARDO J., US
[72] TAVAZOIE, SOHAIL F., US
[71] RGENIX, INC., US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028633)
[87] (WO2015/168465)
[30] US (61/986,723) 2014-04-30

[21] **2,947,426**
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **MULTIPLEXED SINGLE CELL GENE EXPRESSION ANALYSIS USING TEMPLATE SWITCH AND TAGMENTATION**
[54] **ANALYSE DE L'EXPRESSION DE GENES DE CELLULES ISOLEES MULTIPLEXEES PAR COMMUTATION DE MATRICE ET FRAGMENTATION ET ETIQUETAGE (TAGMENTATION)**
[72] KAPER, FIONA, US
[72] FAN, JIAN-BING, US
[72] SALATHIA, NEERAJ, US
[72] CANN, GORDON M., US
[72] JAMSHIDI, ARASH, US
[72] ARAVANIS, ALEX, US
[71] ILLUMINA, INC., US
[85] 2016-10-28
[86] 2015-04-28 (PCT/US2015/028062)
[87] (WO2015/168161)
[30] US (61/985,983) 2014-04-29
[30] US (61/987,433) 2014-05-01

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[13] A1
[51] Int.Cl. H02J 3/38 (2006.01)
[25] EN
[54] AUTO-SYNCHRONOUS
ISOLATED INLET POWER
CONVERTER
[54] CONVERTISSEUR DE PUISSANCE
D'ENTREE ISOLEE
AUTOSYNCHRONE
[72] ESTES, CHRISTOPHER A., US
[71] SUNCULTURE SOLAR, INC., US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028222)
[87] (WO2015/168244)
[30] US (14/264,891) 2014-04-29

[21] 2,947,429
[13] A1
[51] Int.Cl. C07K 14/705 (2006.01) C07K
14/725 (2006.01) C07K 19/00
(2006.01) C12N 15/62 (2006.01) C12N
15/63 (2006.01)
[25] EN
[54] HUMANIZED VARIABLE
LYMPHOCYTE RECEPTORS
(VLR) AND COMPOSITIONS AND
USES RELATED THERETO
[54] RECEPTEURS VARIABLES
HUMANISES DES
LYMPHOCYTES (VLR) ET
COMPOSITIONS ET
UTILISATIONS ASSOCIEES
[72] HERRIN, BRANTLEY R., US
[72] COOPER, MAX DALE, US
[72] EHRHARDT, RUDOLF, US
[71] EMORY UNIVERSITY, US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028645)
[87] (WO2015/168469)
[30] US (61/987,566) 2014-05-02

[21] 2,947,430
[13] A1
[51] Int.Cl. E04D 13/035 (2006.01)
[25] EN
[54] SKYLIGHT WITH MANUAL
CLOSING FEATURE
[54] CHASSIS A TABATIERE A
CARACTERISTIQUE DE
FERMETURE MANUELLE
[72] DEUTSCH, NACHMAN, US
[71] DEUTSCH, NACHMAN, US
[85] 2016-10-28
[86] 2015-05-05 (PCT/US2015/029180)
[87] (WO2015/171568)
[30] US (61/988,780) 2014-05-05

[21] 2,947,433
[13] A1
[51] Int.Cl. G06F 3/0481 (2013.01) G06F
3/0488 (2013.01) G06F 17/30 (2006.01)
G06Q 30/00 (2012.01)
[25] EN
[54] MOBILE COMPUTING SYSTEM
WITH USER PREFERRED
INTERACTIVE COMPONENTS
[54] SYSTEME INFORMATIQUE
MOBILE DOTE DE COMPOSANTS
INTERACTIFS PREFERES
D'UTILISATEUR
[72] FLYNN, MICHAEL, US
[71] FLYNN, MICHAEL, US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028671)
[87] (WO2015/168485)
[30] US (61/986,175) 2014-04-30
[30] US (62/017,517) 2014-06-26

[21] 2,947,435
[13] A1
[51] Int.Cl. H02P 1/00 (2006.01) H02K
3/16 (2006.01) H02K 3/28 (2006.01)
H02P 27/00 (2006.01)
[25] EN
[54] MOTOR WITH STATOR WINDING
TAP AND METHODS FOR
STARTING A MOTOR WITH A
VARIABLE SPEED DRIVE
[54] MOTEUR A PRISE
D'ENROULEMENT DE STATOR
ET PROCEDES DE DEMARRAGE
D'UN MOTEUR A
ENTRAINEMENT A VITESSE
VARIABLE
[72] LARA, MARCELO A., US
[71] TMEIC CORPORATION, US
[85] 2016-10-28
[86] 2015-05-06 (PCT/US2015/029340)
[87] (WO2015/171677)
[30] US (14/270,897) 2014-05-06

[21] 2,947,437
[13] A1
[51] Int.Cl. F25D 21/02 (2006.01)
[25] EN
[54] SENSOR FOR COIL DEFROST IN
A REFRIGERATION SYSTEM
EVAPORATOR
[54] CAPTEUR DE SERPENTIN DE
DEGIVRAGE DANS UN
EVAPORATEUR DE SYSTEME DE
REFRIGERATION
[72] DEROSIER, GREG, US
[71] EVAPCO, INC., US
[85] 2016-10-28
[86] 2015-05-06 (PCT/US2015/029528)
[87] (WO2015/171809)
[30] US (61/989,080) 2014-05-06
[30] US (14/705,781) 2015-05-06

[21] 2,947,446
[13] A1
[51] Int.Cl. B29C 51/14 (2006.01) B29C
49/12 (2006.01) B29C 51/04 (2006.01)
B29C 51/06 (2006.01)
[25] EN
[54] BLOW MOULDED CONTAINER
AND MANUFACTURE THEREOF
[54] RECIPIENT MOULE PAR
SOUFFLAGE ET SON PROCEDE
DE FABRICATION
[72] CLARKE, PETER REGINALD, GB
[71] GR8 ENGINEERING LIMITED, GB
[85] 2016-10-31
[86] 2015-04-30 (PCT/EP2015/059579)
[87] (WO2015/166077)
[30] GB (1407706.9) 2014-05-01

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[21] 2,947,458
[13] A1

[51] **Int.Cl. C08G 18/10 (2006.01) C08J 9/12 (2006.01) C08L 75/12 (2006.01)**
[25] EN
[54] **FLEXIBLE, OPEN-CELL THERMOSET FOAMS AND BLOWING AGENTS AND METHODS FOR MAKING SAME**
[54] **MOUSSES THERMODURCIES SOUPLES A ALVEOLES OUVERTES, ET AGENTS D'EXPANSION ET LEURS PROCEDES DE FABRICATION**
[72] GROSSMAN, RONALD S., US
[72] MEHTA, PRANAV, IN
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028672)
[87] (WO2015/168486)
[30] US (61/986,460) 2014-04-30
[30] US (62/048,313) 2014-09-10
[30] US (62/054,096) 2014-09-23

[21] 2,947,466
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **IN VIVO GENE ENGINEERING WITH ADENOVIRAL VECTORS**
[54] **GENIE GENIQUE IN VIVO UTILISANT DES VECTEURS ADENOVIRAUX**
[72] LIEBER, ANDRE, US
[72] PAPAYANNOPOULOU, THALIA, US
[72] RICHTER, MAXIMILIAN, US
[72] SAYDAMINOVA, KAMOLA, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2016-10-28
[86] 2015-05-01 (PCT/US2015/028789)
[87] (WO2015/168547)
[30] US (61/987,340) 2014-05-01

[21] 2,947,472
[13] A1

[51] **Int.Cl. F21V 7/00 (2006.01) F21V 29/15 (2015.01) F21V 29/56 (2015.01) F21V 29/67 (2015.01) A01G 9/20 (2006.01) F21V 7/08 (2006.01) F21V 17/00 (2006.01) G02B 5/12 (2006.01) F21V 29/10 (2015.01) F21V 29/74 (2015.01) F21V 7/22 (2006.01)**
[25] EN
[54] **MODULAR STEPPED REFLECTOR**
[54] **REFLECTEUR ETAGE MODULAIRE**
[72] JOHNSON, JORDAN, US
[72] KEEN, STEPHEN, US
[72] PEARSON, CHRIS, US
[72] WHITAKER, TODD, US
[71] SURNA, INC., US
[85] 2016-10-28
[86] 2015-05-01 (PCT/US2015/028803)
[87] (WO2015/168559)
[30] US (61/987,905) 2014-05-02
[30] US (62/052,890) 2014-09-19
[30] US (62/078,267) 2014-11-11

[21] 2,947,476
[13] A1

[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/00 (2006.01) A61B 5/08 (2006.01)**
[25] EN
[54] **MULTISENSOR PHYSIOLOGICAL MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE PHYSIOLOGIQUE A CAPTEURS MULTIPLES**
[72] MAHAJAN, AMAN, US
[72] KAISER, WILLIAM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-28
[86] 2015-05-15 (PCT/US2015/031021)
[87] (WO2015/175904)
[30] US (61/993,876) 2014-05-15

[21] 2,947,477
[13] A1

[51] **Int.Cl. H01R 31/06 (2006.01) H01R 24/38 (2011.01)**
[25] EN
[54] **INTRINSIC SAFE IN-LINE ADAPTOR WITH INTEGRATED CAPACITIVE BARRIER FOR CONNECTING A WIRELESS MODULE WITH ANTENNA**
[54] **ADAPTATEUR EN LIGNE A SECURITE INTRINSEQUE AVEC BARRIERE CAPACITIVE INTEGREE POUR CONNECTER UN MODULE SANS FIL A UNE ANTENNE**
[72] ARUL, ANTONY, US
[72] RANGARAJULU, GOPALAKRISHNAN, US
[72] MEIJER, BART, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2016-10-28
[86] 2015-05-20 (PCT/US2015/031728)
[87] (WO2015/191261)
[30] US (14/301,550) 2014-06-11

[21] 2,947,479
[13] A1

[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSESSING ANIMALS CONSIDERING AUSCULTATION AND EVALUATION OF PHYSIOLOGICAL RESPONSES IN VARIOUS ENVIRONMENTS**
[54] **SYSTEME ET PROCEDE POUR EVALUER DES ANIMAUX EN TENANT COMPTE DE L'AUSCULTATION ET DE REPONSES PHYSIOLOGIQUES DANS DIVERS ENVIRONNEMENTS**
[72] BRATTAIN, KURT, US
[71] GEISSLER COMPANIES, LLC, US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028373)
[87] (WO2015/168341)
[30] US (61/985,935) 2014-04-29

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[21] 2,947,484
[13] A1

- [51] Int.Cl. A61K 31/4045 (2006.01)
[25] EN
[54] ANTI-HER2 ANTIBODY-MAYTANSINE CONJUGATES AND METHODS OF USE THEREOF
[54] CONJUGUES ANTICORPS ANTI-HER2-MAYTANSINE ET METHODES D'UTILISATION DE CEUX-CI
[72] RABUKA, DAVID, US
[72] ALBERS, AARON EDWARD, US
[72] BARFIELD, ROBYN M., US
[72] DEHART, GREGORY W., US
[72] DRAKE, PENELOPE M., US
[72] KUDIRKA, ROMAS ALVYDAS, US
[72] GAROFALO, ALBERT W., US
[72] MCFARLAND, JESSE M., US
[71] REDWOOD BIOSCIENCE, INC., US
[85] 2016-10-28
[86] 2015-05-27 (PCT/US2015/032746)
[87] (WO2015/187428)
[30] US (62/008,980) 2014-06-06

[21] 2,947,485
[13] A1

- [51] Int.Cl. H04N 21/4363 (2011.01) H04N 21/235 (2011.01)
[25] EN
[54] METHOD FOR ENCAPSULATING AUDIOVISUAL CONTENT STREAMS IN MPEG2 PRIVATE SECTIONS, DEVICE FOR ENCAPSULATING AUDIOVISUAL CONTENT IN MPEG2 PRIVATE SECTIONS TO BE MULTIPLEXED IN A MPEG2 TRANSPORT STREAM; INTERACTIVE APPLICATION FOR DIGITAL TV; USER DEVICE; METHOD FOR TRANSMISSION OF AUDIOVISUAL CONTENT AND/OR DATA AND COMMUNICATION PROTOCOL FOR DATA NETWORKS
[54] PROCEDE ET DISPOSITIF POUR ENCAPSULER DES FLUX DE CONTENU AUDIOVISUEL DANS DES SECTIONS PRIVEES MPEG2, PROTOCOLE DE COMMUNICATION SUR RESEAUX POUR RESEAUX LOCAUX BASES SUR IP, APPLICATION INTERACTIVE POUR TV NUMERIQUE, DISPOSITIF D'UTILISATEUR CONTENANT DES APPLICATIONS ET PROCEDE DE TRANSMISSION DE CONTENU AUDIOVISUEL ET DE DONNEES
[72] DE BRITTO, DAVID ESTEVAM, BR
[72] PERRONE, HERNAN RAFAEL, BR
[72] COUTINHO CORREIA, FLAVIO AUGUSTO, BR
[72] DE PAULA CAMPELO, LUIZ DAVID SALES, BR
[72] RIEIRO ALVES, ROBERTO, BR
[71] TQTV SOFTWARE LTDA, BR
[85] 2016-10-31
[86] 2015-05-08 (PCT/BR2015/050055)
[87] (WO2015/168766)
[30] BR (BR1020140112634) 2014-05-09

[21] 2,947,486
[13] A1

- [51] Int.Cl. A61K 31/4422 (2006.01)
[25] EN
[54] CLEVIDIPINE NANOPARTICLES AND PHARMACEUTICAL COMPOSITIONS THEREOF
[54] NANOPARTICULES DE CLEVIDIPINE ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT
[72] MOTHERAM, RAJESHWAR, US
[72] HANLEY, DAVID C., SR., US
[72] TURELI, AKIF EMRE, DE
[72] KANTER, MONIKA, DE
[71] THE MEDICINES COMPANY, US
[85] 2016-10-28
[86] 2015-05-19 (PCT/US2015/031470)
[87] (WO2015/179334)
[30] US (62/000,119) 2014-05-19

[21] 2,947,489
[13] A1

- [51] Int.Cl. A61K 39/00 (2006.01) A61K 39/38 (2006.01) A61K 39/395 (2006.01)
[25] EN
[54] SYNTAC POLYPEPTIDES AND USES THEREOF
[54] POLYPEPTIDES SYNTAC ET LEURS UTILISATIONS
[72] SEIDEL, RONALD D., III, US
[72] CHAPARRO, RODOLFO J., US
[72] HILLERICH, BRANDAN S., US
[72] GARFORTH, SCOTT J., US
[72] ALMO, STEVEN C., US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
[85] 2016-10-28
[86] 2015-06-15 (PCT/US2015/035777)
[87] (WO2015/195531)
[30] US (62/013,715) 2014-06-18

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[21] **2,947,491**
[13] A1

[51] **Int.Cl. G01N 33/02 (2006.01) G01N 21/64 (2006.01) G01N 27/02 (2006.01) G05B 7/00 (2006.01)**

[25] EN

[54] **PRODUCT YIELD LOSS MANAGEMENT**

[54] **GESTION DE LA PERTE DE RENDEMENT DE PRODUIT**

[72] FERNHOLZ, PETER J., US

[72] ERICKSON, ANTHONY, US

[72] BANKS, RODNEY H., US

[71] ECOLAB USA INC., US

[85] 2016-10-28

[86] 2015-05-19 (PCT/US2015/031597)

[87] (WO2015/179413)

[30] US (14/283,785) 2014-05-21

[21] **2,947,492**
[13] A1

[51] **Int.Cl. F16M 13/04 (2006.01) G06Q 20/30 (2012.01) A45F 5/00 (2006.01) G06F 1/16 (2006.01)**

[25] EN

[54] **IMPROVED SUPPORT FOR A PORTABLE COMPUTER**

[54] **SUPPORT AMELIORE POUR UN ORDINATEUR PORTABLE**

[72] KIELLAND, PETER J., CA

[71] KIELLAND, PETER J., CA

[85] 2016-10-31

[86] 2015-04-30 (PCT/CA2015/000276)

[87] (WO2015/164945)

[30] CA (2,850,596) 2014-05-01

[30] CA (2,853,435) 2014-06-03

[21] **2,947,493**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/42 (2006.01) A47J 31/44 (2006.01)**

[25] EN

[54] **AUTOMATIC MACHINE FOR PREPARING COFFEE**

[54] **MACHINE AUTOMATIQUE POUR LA PREPARATION DE CAFE**

[72] LANER, GERHARD, IT

[71] PROCAFFE' S.P.A., IT

[71] LANER, GERHARD, IT

[85] 2016-10-31

[86] 2014-08-08 (PCT/EP2014/067114)

[87] (WO2015/169398)

[30] IT (MI2014A000829) 2014-05-07

[21] **2,947,495**
[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01) H04W 68/02 (2009.01) H04W 88/06 (2009.01) H04W 88/16 (2009.01)**

[25] EN

[54] **POWER OPTIMIZATION FOR NETWORK BASED INTERNET PROTOCOL FLOW MOBILITY**

[54] **OPTIMISATION DE LA CONSOMMATION D'ENERGIE POUR LA MOBILITE DE FLUX DU PROTOCOLE INTERNET A COMMANDE RESEAU**

[72] JAIN, PUNEET K., US

[72] GUPTA, VIVEK, US

[71] INTEL IP CORPORATION, US

[85] 2016-10-28

[86] 2015-06-23 (PCT/US2015/037094)

[87] (WO2015/200263)

[30] US (62/016,534) 2014-06-24

[21] **2,947,498**
[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01) C12Q 1/04 (2006.01) G01N 33/02 (2006.01) G01N 33/14 (2006.01)**

[25] EN

[54] **ENDOSPORE DETECTION USING HYDROPHOBIC COLLECTION MATERIAL**

[54] **DETECTION D'ENDOSPORE A L'AIDE DE MATERIAU DE COLLECTE HYDROPHOBE**

[72] ERICKSON, ANTHONY, US

[72] BLACK, ELAINE PATRICIA, US

[72] BANKS, RODNEY H., US

[72] ORTMANN, NATHAN RICHARD, US

[71] ECOLAB USA INC., US

[85] 2016-10-28

[86] 2015-06-26 (PCT/US2015/038005)

[87] (WO2015/200807)

[30] US (14/315,606) 2014-06-26

[21] **2,947,502**
[13] A1

[51] **Int.Cl. B01J 27/185 (2006.01) B01J 27/00 (2006.01) B01J 27/14 (2006.01) C01B 25/00 (2006.01) C01B 25/08 (2006.01)**

[25] EN

[54] **NANOSCALE NICKEL PHOSPHIDE CATALYSTS FOR HYDROTREATMENT**

[54] **CATALYSEURS DE PHOSPHURE DE NICKEL A L'ECHELLE NANOMETRIQUE POUR HYDROTRAITEMENT**

[72] BUSSELL, MARK E., US

[71] WESTERN WASHINGTON UNIVERSITY, US

[85] 2016-10-28

[86] 2016-04-22 (PCT/US2016/029009)

[87] (WO2016/172603)

[30] US (62/151,890) 2015-04-23

[21] **2,947,509**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) A61K 31/445 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHOD FOR DIAGNOSING AND MONITORING THE PRESENCE OF CANCER IN A HUMAN SUBJECT**

[54] **METHODE POUR DIAGNOSTIQUER ET SURVEILLER LA PRESENCE D'UN CANCER CHEZ UN INDIVIDU**

[72] SALINAS MARTIN, MANUEL VICENTE, ES

[71] SERVICIO ANDALUZ DE SALUD, ES

[85] 2016-10-31

[86] 2015-04-28 (PCT/ES2015/070352)

[87] (WO2015/166128)

[30] ES (P201430631) 2014-04-29

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[21] 2,947,513
[13] A1
[51] Int.Cl. C12N 15/10 (2006.01) C12N 9/22 (2006.01) C12N 15/90 (2006.01)
[25] EN
[54] PREPARATION OF LIBRARIES OF PROTEIN VARIANTS EXPRESSED IN EUKARYOTIC CELLS AND USE FOR SELECTING BINDING MOLECULES
[54] PREPARATION DE BANQUES DE VARIANTS DE PROTENES S'EXPRIMANT DANS DES CELLULES EUKARYOTES ET LEUR UTILISATION EN VUE DE LA SELECTION DE MOLECULES DE LIAISON
[72] MCCAFFERTY, JOHN, GB
[72] DYSON, MICHAEL, GB
[72] PARTHIBAN, KOTHAI, GB
[71] IONTAS LIMITED, GB
[85] 2016-10-31
[86] 2015-05-01 (PCT/GB2015/051287)
[87] (WO2015/166272)
[30] GB (1407852.1) 2014-05-02

[21] 2,947,515
[13] A1
[51] Int.Cl. A61K 9/08 (2006.01) A61K 9/10 (2006.01) A61K 9/50 (2006.01)
[25] EN
[54] EXTENDED RELEASE LIQUID COMPOSITIONS OF METFORMIN
[54] COMPOSITIONS DE METFORMINE LIQUIDES A LIBERATION PROLONGEE
[72] KUMAR, ASHISH, IN
[72] SHEAR, RAJESH SRIKRISHAN, IN
[72] JAIN, SATISH KUMAR, IN
[72] SINGH, ROMI BARAT, IN
[72] JAIN, PARAS P., IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2016-10-31
[86] 2015-05-01 (PCT/IN2015/053207)
[87] (WO2015/166472)
[30] IN (1182/DEL/2014) 2014-05-01

[21] 2,947,524
[13] A1
[51] Int.Cl. H05K 7/20 (2006.01) G09F 9/30 (2006.01)
[25] EN
[54] BACK TO BACK ELECTRONIC DISPLAY ASSEMBLY
[54] ENSEMBLE D'AFFICHAGE ELECTRONIQUE DOS A DOS
[72] DUNN, WILLIAM, US
[72] DIAZ, MARCOS, US
[72] AZEVEDO, KYLE, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028461)
[87] (WO2015/168375)
[30] US (61/986,724) 2014-04-30

[21] 2,947,525
[13] A1
[51] Int.Cl. C12N 15/09 (2006.01) A61K 35/74 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C12N 1/21 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01)
[25] EN
[54] HETEROGENEOUS POLYPEPTIDE EXPRESSION CASSETTE
[54] CASSETTE D'EXPRESSION DE POLYPEPTIDE HETEROGENE
[72] KOSEKI, KOICHI, JP
[72] MASAKI, TAKESHI, JP
[72] SHIOYA, KOICHIRO, JP
[72] SHIMIZU, HITOMI, JP
[72] TSUKAMOTO, MASAO, JP
[72] KOBAYASHI, SATOSHI, JP
[72] MATSUMURA, TOMIO, JP
[72] SHIMATANI, YUKO, JP
[71] ANAEROPHARMA SCIENCE, INC., JP
[85] 2016-10-31
[86] 2015-04-17 (PCT/JP2015/002132)
[87] (WO2015/166640)
[30] JP (2014-094869) 2014-05-01

[21] 2,947,526
[13] A1
[51] Int.Cl. C07D 487/04 (2006.01)
[25] EN
[54] EXPEDIENT SYNTHESIS OF SITAGLIPTIN
[54] SYNTHESE PRATIQUE DE SITAGLIPTINE
[72] JANAGANI, SATYANARAYANA, US
[72] THIADURI, VENKATESHWAR KUMAR, IN
[72] VAMARAJU, RAVISANKAR, IN
[71] STEREOKEM, INC. (USA), US
[85] 2016-08-04
[86] 2015-02-05 (PCT/US2015/014548)
[87] (WO2015/120111)
[30] US (61/936,291) 2014-02-05

[21] 2,947,528
[13] A1
[51] Int.Cl. A61K 9/10 (2006.01)
[25] EN
[54] EXTENDED RELEASE SUSPENSION COMPOSITIONS
[54] COMPOSITIONS EN SUSPENSION A LIBERATION PROLONGEE
[72] KUMAR, ASHISH, IN
[72] SHEAR, RAJESH SRIKRISHAN, IN
[72] JAIN, SATISH KUMAR, IN
[72] SINGH, ROMI BARAT, IN
[72] JAIN, PARAS P., IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2016-10-31
[86] 2015-05-01 (PCT/IN2015/053209)
[87] (WO2015/166473)
[30] IN (1183/DEL/2014) 2014-05-01

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[13] A1

[51] **Int.Cl. C12N 15/00 (2006.01) A61K 35/74 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 1/21 (2006.01) C12N 15/09 (2006.01)**

[25] EN

[54] **ANTIBODY GENE EXPRESSION-SECRETION SYSTEM**

[54] **SYSTEME D'EXPRESSION-SECRETION DE GENE D'ANTICORPS**

[72] TANIGUCHI, SHUN-ICHIRO, JP

[72] AKIYAMA, YASUTO, JP

[72] MASAKI, TAKESHI, JP

[72] SHIMIZU, HITOMI, JP

[71] SHINSHU UNIVERSITY, JP

[85] 2016-10-31

[86] 2015-04-17 (PCT/JP2015/002133)

[87] (WO2015/166641)

[30] JP (2014-095440) 2014-05-02

[21] **2,947,530**
[13] A1

[51] **Int.Cl. A61B 17/28 (2006.01)**

[25] EN

[54] **SURGICAL GRASPER**

[54] **DISPOSITIF CHIRURGICAL DE SAISIE**

[72] LATHROP, RAY A., US

[71] VANDERBILT UNIVERSITY, US

[85] 2016-10-28

[86] 2015-04-30 (PCT/US2015/028581)

[87] (WO2015/168441)

[30] US (61/986,390) 2014-04-30

[21] **2,947,531**
[13] A1

[51] **Int.Cl. H05B 6/64 (2006.01) H05H 1/46 (2006.01)**

[25] EN

[54] **METHOD FOR THE DENSIFICATION AND SPHEROIDIZATION OF SOLID AND SOLUTION PRECURSOR DROPLETS OF MATERIALS USING PLASMA**

[54] **PROCEDE POUR LA DENSIFICATION ET LA SPHEROIDSATION DE GOUTTELETTES DE PRECURSEUR SOLIDE ET DE SOLUTION DE MATERIAUX A L'AIDE D'UN PLASMA**

[72] HADIDI, KAMAL, US

[72] REDJDAL, MAKHLOUF, US

[71] AMASTAN TECHNOLOGIES LLC, US

[85] 2016-10-31

[86] 2014-05-14 (PCT/US2014/000091)

[87] (WO2015/174949)

[21] **2,947,533**
[13] A1

[51] **Int.Cl. G06T 1/00 (2006.01) G06F 17/00 (2006.01)**

[25] EN

[54] **INTEGRATING EXTERNAL ALGORITHMS INTO A FLEXIBLE FRAMEWORK FOR IMAGING VISUALIZATION DATA**

[54] **INTEGRATION D'ALGORITHMES EXTERNES DANS UN CADRE FLEXIBLE POUR DONNEES DE VISUALISATION D'IMAGERIE**

[72] BIVINS, GERRICK O'RON, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2016-10-31

[86] 2014-06-03 (PCT/US2014/040721)

[87] (WO2015/187133)

[21] **2,947,534**
[13] A1

[51] **Int.Cl. C25D 3/58 (2006.01) C25D 5/26 (2006.01) C25D 7/00 (2006.01) F16L 15/04 (2006.01)**

[25] EN

[54] **PLATING SOLUTION FOR THREADED CONNECTION FOR PIPE OR TUBE AND PRODUCING METHOD OF THREADED CONNECTION FOR PIPE OR TUBE**

[54] **SOLUTION DE PLACAGE POUR ACCOUPLEMENT FILETE DE TUYAUX ET PROCEDE DE FABRICATION POUR ACCOUPLEMENT FILETE DE TUYAUX**

[72] KIMOTO, MASANARI, JP

[72] ISHII, KAZUYA, JP

[72] GOTO, KUNIO, JP

[72] YAMAMOTO, TATSUYA, JP

[72] OSHIMA, MASAHIRO, JP

[72] NAKAO, SEICHIRO, JP

[72] YAMAGUCHI, DAISUKE, JP

[71] VALLOUREC OIL AND GAS FRANCE, FR

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-10-31

[86] 2015-05-15 (PCT/JP2015/002456)

[87] (WO2015/174095)

[30] JP (2014-101795) 2014-05-15

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[21] 2,947,535
[13] A1
[51] Int.Cl. C25D 3/58 (2006.01) C25D 3/56 (2006.01) C25D 5/26 (2006.01) C25D 7/00 (2006.01) F16L 15/04 (2006.01)
[25] EN
[54] **PLATING SOLUTION FOR THREADED CONNECTION FOR PIPE OR TUBE AND PRODUCING METHOD OF THREADED CONNECTION FOR PIPE OR TUBE**
[54] **SOLUTION DE PLACAGE POUR RACCORD VISSE ET PROCEDE POUR LA PRODUCTION DE RACCORD VISSE**
[72] KIMOTO, MASANARI, JP
[72] ISHII, KAZUYA, JP
[72] GOTO, KUNIO, JP
[72] YAMAMOTO, TATSUYA, JP
[72] OSHIMA, MASAHIRO, JP
[72] NAKAO, SEIICHIRO, JP
[72] YAMAGUCHI, DAISUKE, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2016-10-31
[86] 2015-05-15 (PCT/JP2015/002460)
[87] (WO2015/174097)
[30] JP (2014-101798) 2014-05-15

[21] 2,947,536
[13] A1
[51] Int.Cl. F16L 15/04 (2006.01)
[25] EN
[54] **THREADED JOINT FOR STEEL PIPES**
[54] **RACCORD DE TUYAU EN ACIER FILETE**
[72] SUGINO, MASA AKI, JP
[72] GOTO, KUNIO, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-31
[86] 2015-05-26 (PCT/JP2015/002662)
[87] (WO2015/182128)
[30] JP (2014-113084) 2014-05-30

[21] 2,947,537
[13] A1
[51] Int.Cl. H04W 72/08 (2009.01)
[25] EN
[54] **TERMINAL DEVICE, BASE STATION, AND PROGRAM**
[54] **DISPOSITIF TERMINAL, STATION DE BASE ET PROGRAMME**
[72] SATO, MASANORI, JP
[71] SONY CORPORATION, JP
[85] 2016-10-31
[86] 2015-03-23 (PCT/JP2015/058697)
[87] (WO2015/194222)
[30] JP (2014-123973) 2014-06-17

[21] 2,947,539
[13] A1
[51] Int.Cl. C12N 15/87 (2006.01) C12N 5/071 (2010.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01)
[25] EN
[54] **EFFICIENT DELIVERY OF LARGE CARGOS INTO CELLS ON A POROUS SUBSTRATE**
[54] **DISTRIBUTION EFFICACE DE GROS CARGOS A DES CELLULES SUR UN SUBSTRAT POREUX**
[72] WU, TING-HSIANG, US
[72] CHIOU, PEI-YU E., US
[72] TETTEL, MICHAEL A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-31
[86] 2015-03-26 (PCT/US2015/022813)
[87] (WO2015/148842)
[30] US (61/972,145) 2014-03-28

[21] 2,947,540
[13] A1
[51] Int.Cl. C12N 15/09 (2006.01) A01H 5/00 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12P 19/60 (2006.01) C12P 21/00 (2006.01)
[25] EN
[54] **NOVEL GLYCOSYLTRANSFERASE GENE AND USE THEREOF**
[54] **NOUVEAU GENE DE GLYCOSYLTRANSFERASE ET SON UTILISATION**
[72] TANAKA, YOSHIKAZU, JP
[72] OKITSU, NAO KO, JP
[72] MATSUI, KEISUKE, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2016-10-31
[86] 2015-05-01 (PCT/JP2015/063140)
[87] (WO2015/167016)
[30] JP (2014-095243) 2014-05-02

[21] 2,947,549
[13] A1
[51] Int.Cl. G10L 19/008 (2013.01) H04N 21/439 (2011.01) G06F 13/00 (2006.01) G10K 15/02 (2006.01) G10L 19/00 (2013.01) G11B 20/12 (2006.01)
[25] EN
[54] **INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] HIRABAYASHI, MITSUHIRO, JP
[72] CHINEN, TORU, JP
[72] YAMAMOTO, YUKI, JP
[72] SHI, RUNYU, JP
[71] SONY CORPORATION, JP
[85] 2016-10-31
[86] 2015-05-22 (PCT/JP2015/064673)
[87] (WO2015/182491)
[30] JP (2014-113485) 2014-05-30
[30] JP (2014-117329) 2014-06-06
[30] JP (2014-133131) 2014-06-27
[30] JP (2014-203517) 2014-10-01

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[21] 2,947,551
[13] A1

[51] Int.Cl. F16K 15/03 (2006.01) F16K 47/02 (2006.01)

[25] EN

[54] **PARALLEL CYLINDER-TYPE CHECK VALVE**

[54] **CLAPET DE NON-RETOUR DE TYPE CYLINDRE PARALLELE**

[72] YANG, JAI YOUIL, KR

[72] OH, JAE WOOK, KR

[72] YANG, JI SUK, KR

[72] YANG, JAE GU, KR

[71] FLOWTECH CO.,LTD., KR

[71] YANG, JAE GU, KR

[85] 2016-10-31

[86] 2014-09-11 (PCT/KR2014/008458)

[87] (WO2015/178544)

[30] KR (10-2014-0059809) 2014-05-19

[21] 2,947,552
[13] A1

[51] Int.Cl. C07D 211/06 (2006.01) A61K 31/435 (2006.01) A61K 31/4406 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) C07D 211/02 (2006.01)

[25] EN

[54] **CYCLOHEXENE DERIVATIVE, PREPARATION METHOD THEREFOR, AND PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING METABOLIC DISEASES, CONTAINING SAME AS ACTIVE INGREDIENT**

[54] **DERIVE DE CYCLOHEXENE, SON PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE POUR PREVENIR OU TRAITER DES MALADIES METABOLIQUES, CONTENANT CELUI-CI COMME PRINCIPE ACTIF**

[72] YANG, JIN, KR

[72] KIM, JINWOONG, KR

[72] LEE, HAN KYU, KR

[72] KIM, JAE HYUN, KR

[72] SON, CHANG MO, KR

[72] LEE, KYU HWAN, KR

[72] HWANG, JEONGUN, KR

[72] CHOI, HYUNG-HO, KR

[72] KIM, DEAHOO, KR

[72] RHEE, JAEKEOL, KR

[71] HYUNDAI PHARM CO., LTD., KR

[85] 2016-10-31

[86] 2015-05-01 (PCT/KR2015/004449)

[87] (WO2015/167309)

[30] KR (10-2014-0053535) 2014-05-02

[30] KR (10-2015-0062119) 2015-04-30

[21] 2,947,572
[13] A1

[51] Int.Cl. E21B 33/04 (2006.01) E21B 34/02 (2006.01) E21B 34/06 (2006.01)

[25] EN

[54] **WELLHEAD SAFETY VALVE ASSEMBLY**

[54] **ENSEMBLE SOUPAPE DE SECURITE DE TETE DE Puits**

[72] LANDRY, HAROLD WAYNE, US

[71] LANDRY, HAROLD WAYNE, US

[85] 2016-10-28

[86] 2015-04-30 (PCT/US2015/028612)

[87] (WO2015/168454)

[30] US (61/986,177) 2014-04-30

[21] 2,947,573
[13] A1

[51] Int.Cl. A61M 16/06 (2006.01)

[25] EN

[54] **CUSTOMIZABLE RESPIRATORY MASK**

[54] **MASQUE RESPIRATOIRE PERSONNALISABLE**

[72] SCHEIRLINCK, ERIK ROBERTUS, NZ

[72] SMITH, DANIEL JOHN, NZ

[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ

[85] 2016-10-31

[86] 2015-05-08 (PCT/NZ2015/050051)

[87] (WO2015/170997)

[30] US (61/991,373) 2014-05-09

[30] US (62/117,370) 2015-02-17

[21] 2,947,576
[13] A1

[51] Int.Cl. G01V 1/48 (2006.01) G01V 1/28 (2006.01) G01V 1/30 (2006.01) G01V 1/50 (2006.01) G06F 19/00 (2011.01)

[25] EN

[54] **ASSESSING A FRACTURE PROPAGATION MODEL BASED ON SEISMIC DATA**

[54] **EVALUATION D'UN MODELE DE PROPAGATION DE FRACTURE SUR LA BASE DE DONNEES SISMQUES**

[72] WALTERS, HAROLD GRAYSON, US

[72] RANJAN, PRIYESH, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-10-31

[86] 2014-06-04 (PCT/US2014/040808)

[87] (WO2015/187137)

[21] 2,947,581
[13] A1

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[25] EN

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[72] DUSTERHOFT, RONALD GLEN, US

[72] RANJAN, PRIYESH, US

[72] SMITH, KEN, US

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[54] **RECIPIENT SOUPLE**

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[72] OLIVEIRA, MARLOS G., BR

[72] FRANCA, MARCOS P., BR

[71] DOW GLOBAL TECHNOLOGIES LLC, US

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[54] POLYPEPTIDES A ILOTS AMYLOIDES PRESENTANT UNE SOLUBILITE AMELIOREE
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[72] WANG, HUI, US
[72] CAO, PING, US
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[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[72] DEERE, R. PAUL, US
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[25] EN
[54] METHOD AND SYSTEM ASSOCIATED WITH A SENSING ROLL INCLUDING A FIRST SENSOR ARRAY AND A MATING ROLL INCLUDING A SECOND SENSOR ARRAY FOR COLLECTING ROLL DATA
[54] PROCEDE ET SYSTEME ASSOCIES A UN ROULEAU DE DETECTION POURVU D'UN PREMIER RESEAU DE CAPTEURS ET A UN ROULEAU DE CONTACT POURVU D'UN DEUXIEME RESEAU DE CAPTEURS POUR LA COLLECTE DE DONNEES DE ROULEAUX
[72] FIGIEL, KERRY D., US
[71] INTERNATIONAL PAPER COMPANY, US
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[51] Int.Cl. G01M 13/00 (2006.01) D21F 3/08 (2006.01) G01L 5/00 (2006.01) G01M 13/04 (2006.01)
[25] EN
[54] METHOD AND SYSTEM ASSOCIATED WITH A SENSING ROLL INCLUDING PLURALITIES OF SENSORS AND A MATING ROLL FOR COLLECTING ROLL DATA
[54] PROCEDE ET SYSTEME ASSOCIES A UN ROULEAU DE DETECTION COMPRENANT DES PLURALITES DE CAPTEURS ET UN ROULEAU DE COUPLAGE POUR COLLECTER DES DONNEES DE ROULEAU
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[71] INTERNATIONAL PAPER COMPANY, US
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[87] (WO2015/168526)
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[51] Int.Cl. A61K 31/5517 (2006.01)
[25] EN
[54] METHOD OF TREATING RESISTANT NON-HODGKIN LYMPHOMA, MEDULLOBLASTOMA, AND/OR ALK+NON-SMALL CELL LUNG CANCER USING THIENOTRIAZOLODIAZEPINE COMPOUNDS
[54] METHODE DE TRAITEMENT DE LYMPHOME NON HODGKINIEN RESISTANT, DE MEDULLOBLASTOME ET/OU DE CANCER BRONCHOPULMONAIRE NON A PETITES CELLULES ALK+ A L'AIDE DE COMPOSES DE THIENOTRIAZOLODIAZEPINE
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[87] (WO2015/168555)
[30] US (61/987,813) 2014-05-02
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[51] Int.Cl. A61K 39/015 (2006.01)
[25] EN
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[72] HOFFMAN, STEPHEN L., US
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[85] 2016-10-31
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[13] A1

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- [25] EN
- [54] METHOD OF TREATING ACUTE MYELOID LEUKEMIA AND/OR ACUTE LYMPHOBLASTIC LEUKEMIA USING THIENOTRIAZOLODIAZEPINE COMPOUNDS
- [54] PROCEDE DE TRAITEMENT DE LEUCEMIE MYELOIDE AIGUE ET/OU DE LEUCEMIE LYMPHOBLASTIQUE AIGUE A L'AIDE DE COMPOSES DE THIENOTRIAZOLODIAZEPINE
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- [72] KOVTUN, YELENA, US
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[54] PROCEDE ET SYSTEME DE FUSION DE FOUR A ARC
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[72] STUART, MARTIN A., US
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[30] US (61/990,917) 2014-05-09
[30] US (62/082,287) 2014-11-20

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[51] Int.Cl. A01G 31/06 (2006.01)
[25] EN
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[54] SYSTEME A RATELIER HYDROPONIQUE MODULAIRE POUR LA CULTURE ET LE TRANSPORT DE VEGETAUX
[72] STOREY, NATHANIEL R., US
[71] UNIVERSITY OF WYOMING, US
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[54] DISPOSITIF D'INSERTION D'AIGUILLE AUTONOME GUIDE PAR L'IMAGE PERMETTANT UN ACCES VASCULAIRE
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[72] GUTERMAN, HUGO, IL
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[30] US (62/001,035) 2014-05-20

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[51] Int.Cl. B67D 1/08 (2006.01) B67D 1/04 (2006.01) B67D 1/12 (2006.01)
[25] EN
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[54] SYSTEME DISTRIBUTEUR DE BOISSON AVEC MANIPULATION A DISTANCE DES INGREDIENTS
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[72] QUARTARONE, DANIEL S., US
[71] THE COCA-COLA COMPANY, US
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[30] US (61/991,956) 2014-05-12

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[51] Int.Cl. A01C 1/00 (2006.01) A01G 7/00 (2006.01)
[25] EN
[54] SYSTEM FOR SEED PREPARATION AND METHOD OF USE
[54] SYSTEME POUR LA PREPARATION DE GRAINES ET SON PROCEDE D'UTILISATION
[72] MCCARTY, DONALD L., II, US
[72] CHIENNAREDDY, SIVARAMA R., US
[72] CIOAK, TOBY, US
[72] SARRIA, RODRIGO, US
[72] GILLESPIE, DAVID T., US
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[71] DOW AGROSCIENCES LLC, US
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[51] Int.Cl. C12N 15/113 (2010.01) C12N 15/82 (2006.01)
[25] EN
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[54] MOLECULES D'ACIDE NUCLEIQUE SEC23 CONFERANT UNE RESISTANCE A DES COLEOPTERES ET A DES HEMIPTERES NUISIBLES
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[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] RANGASAMY, MURUGESAN, US
[72] LI, HUARONG, US
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[54] **IDENTIFICATION DE CONFIGURATION DE COMPRESSION**
[72] MIN, ALEXANDER W., US
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[72] TAI, TSUNG-YUAN C., US
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[71] INTEL CORPORATION, US
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[30] US (14/316,653) 2014-06-26

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[13] A1

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[25] EN
[54] **METHODS FOR TREATMENT OF DISORDERS IN THE FRONT OF THE EYE UTILIZING NUCLEIC ACID MOLECULES**
[54] **METHODES DESTINEES A TRAITER LES TROUBLES AFFECTANT L'AVANT DE L'OEIL FAISANT APPEL A DES MOLECULES D'ACIDE NUCLEIQUE**
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[72] PAVCO, PAMELA A., US
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[71] RXI PHARMACEUTICALS CORPORATION, US
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[13] A1

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTION OR TREATMENT OF A DISEASE**
[54] **METHODES ET COMPOSITIONS PHARMACEUTIQUES POUR LA PREVENTION OU LE TRAITEMENT D'UNE MALADIE**
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[72] HOLMES, MICHAEL C., US
[71] SANGAMO BIOSCIENCES, INC., US
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[30] US (61/992,676) 2014-05-13

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[13] A1

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[25] EN
[54] **OPTICAL COHERENCE TOMOGRAPHY-AUGMENTED SURGICAL INSTRUMENTS AND SYSTEMS AND METHODS FOR CORRECTING UNDESIRE MOVEMENT OF SURGICAL INSTRUMENTS**
[54] **SYSTEMES ET INSTRUMENTS CHIRURGICAUX AVEC TOMOGRAPHIE EN COHERENCE OPTIQUE ET PROCEDES POUR CORRIGER TOUT MOUVEMENT INTEMPESTIF D'INSTRUMENTS CHIRURGICAUX**
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[72] REN, HUGANG, US
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[87] (WO2016/014289)
[30] US (14/341,752) 2014-07-25

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[25] EN
[54] **INCREASED DEPTH OF FIELD MICROSCOPE AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **MICROSCOPE A PROFONDEUR DE CHAMP ACCRUE, ET DISPOSITIFS, SYSTEMES, ET PROCEDES ASSOCIES**
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[71] NOVARTIS AG, CH
[85] 2016-10-31
[86] 2015-06-30 (PCT/US2015/038600)
[87] (WO2016/018556)
[30] US (14/444,437) 2014-07-28

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[13] A1

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[54] **IMMUNOMODULATION ANTI-MICROBIENNE**
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[72] DHANJI, SALIM, CA
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[71] QU BIOLOGICS INC., CA
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[30] US (61/988,117) 2014-05-02

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[25] EN
[54] USE OF A COATING COMPOSITION TO COAT THE BACKING FILM OF A PHOTOVOLTAIC MODULE, AND PHOTOVOLTAIC MODULE
[54] UTILISATION D'UN AGENT DE REVETEMENT POUR LE REVETEMENT DU FILM DES FACES ARRIERE D'UN MODULE PHOTOVOLTAIQUE ET MODULE PHOTOVOLTAIQUE
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[72] RENNER, SEBASTIAN, DE
[71] BASF COATINGS GMBH, DE
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[87] (WO2015/172989)
[30] EP (14168682.4) 2014-05-16

[21] 2,947,634
[13] A1
[51] Int.Cl. C12P 7/02 (2006.01)
[25] EN
[54] METHOD OF PRODUCING ORGANIC COMPOUNDS
[54] PROCEDE DE PRODUCTION DE COMPOSES ORGANIQUES
[72] HAAS, THOMAS, DE
[72] DEMLER, MARTIN, DE
[72] ECKL, EVA-MARIA, DE
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[87] (WO2015/172972)
[30] EP (14168130.4) 2014-05-13

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[13] A1
[51] Int.Cl. A61N 2/02 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR TREATING MULTIPLE TUMORS IN PATIENTS WITH METASTATIC DISEASE BY ELECTRIC FIELDS
[54] APPAREIL ET PROCEDE POUR TRAITER DE MULTIPLES TUMEURS CHEZ DES PATIENTS AYANT UNE MALADIE METASTATIQUE PAR DES CHAMPS ELECTRIQUES
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[72] WATKINS, KEN, US
[72] VANDERMEEY, TIMOTHY, US
[71] LOYALTY BASED INNOVATIONS, LLC, US
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[51] Int.Cl. C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)
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[54] CENTROMERE/KINETOCHORE PROTEIN GENES FOR CANCER DIAGNOSIS, PROGNOSIS AND TREATMENT SELECTION
[54] GENES DE PROTEINES DE CENTROMERE/KINETOCHORE POUR LA SELECTION DE DIAGNOSTICS, DE PRONOSTICS ET DE TRAITEMENTS DU CANCER
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[72] KARPEN, GARY, US
[72] MAO, JIAN-HUA, US
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[54] INVENTORY MANAGEMENT
[54] GESTION D'INVENTAIRES
[72] LABUSCHAGNE, ADRIAAN
ZACHARIAS ALBERTUS, ZA
[71] FULL FACING (PTY) LTD, ZA
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[25] EN
[54] METHOD FOR FUSING GLASS SUBSTRATES USING LASER BEAM AND LASER PROCESSING APPARATUS
[54] PROCEDE DE FUSION DE PLAQUES DE VERRE MEDIEE PAR UN FAISCEAU LASER, ET PROCEDE DE TRAITEMENT PAR LASER
[72] MIYAZAKI, YUHAN, JP
[72] SASHIMA, TOKUTAKE, JP
[72] YAMAMOTO, KOJI, JP
[72] SHIMIZU, SEIJI, JP
[71] MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD., JP
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[25] EN
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[54] DETECTION DISTRIBUEE DE FIBRES OPTIQUES
[72] CRICKMORE, ROGER, GB
[72] RIDGE, ANDREW, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
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[54] **SYSTEME DE DETECTION DE VIBRATION, DISPOSITIF ET PROCEDE DE TRAITEMENT DE SIGNAL**
[72] TAKANASHI, MAMORU, JP
[72] KATO, AYATO, JP
[72] HASADA, YOKO, JP
[72] KASAHARA, JUNZO, JP
[71] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
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[54] **APPAREIL D'INSPECTION NON DESTRUCTRICE**
[72] INAGAKI, KOICHI, JP
[72] TAKAO, KUNIHICO, JP
[71] IHI CORPORATION, JP
[71] KEN AUTOMATION, INC., JP
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[71] AVON PRODUCTS, INC., US
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[25] EN
[54] **SYSTEM FOR MANUFACTURING A TOP MOUNT**
[54] **SYSTEME DE FABRICATION D'UNE MONTURE SUPERIEURE**
[72] CALL, AARON, US
[72] CAMERON, STEPHEN, US
[71] MCS MANUFACTURING, LLC, US
[71] CALL, AARON, US
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[25] EN
[54] **ELECTRONIC DEVICE HOLDER WITH REPOSITIONABLE STAND AND SYSTEMS AND METHODS THEREOF**
[54] **PORTE-DISPOSITIF ELECTRONIQUE A PIED REPOSITIONNABLE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] LE GETTE, BRIAN, US
[72] REEB, DAVID, US
[71] ZERO CHROMA, LLC, US
[85] 2016-11-01
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[54] **VERTICAL TAKEOFF AND LANDING (VTOL) AIR VEHICLE**
[54] **VEHICULE AERIEN A DECOLLAGE ET ATERRISSAGE VERTICAUX (ADAV)**
[72] TAYLOR, DANA J., US
[72] TOKUMARU, PHILLIP T., US
[72] HIBBS, BART DEAN, US
[72] PARKS, WILLIAM MARTIN, US
[72] GANZER, DAVID WAYNE, US
[72] FISHER, CHRISTOPHER EUGENE, US
[72] MUKHERJEE, JASON SIDHARTHDEV, US
[72] KING, JOSEPH FREDERICK, US
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[54] **FRACTURE TREATMENT ANALYSIS BASED ON MULTIPLE-WELLBORE SEISMIC DETECTION**
[54] **ANALYSE DE TRAITEMENT DE FRACTURE SUR LA BASE D'UNE DETECTION SISMIQUE D'UNE PLURALITE DE Puits DE FORAGE**
[72] MCCOLPIN, GLENN ROBERT, US
[72] WALTERS, HAROLD GRAYSON, US
[72] DUSTERHOFT, RONALD GLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] SURVEILLANCE DE LA SATURATION SOUTERRAINE EN HYDROCARBURES A L'AIDE D'UNE DETECTION ACOUSTIQUE REPARTIE
[72] RANJAN, PRIYESH, US
[72] SMITH, KEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] PULLEN, KENT L., US
[72] ARNSWALD, KENNETH, US
[71] ENVIRONMENTAL SOLUTIONS INTERNATIONAL, US
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[25] EN
[54] COMBINATION IMMUNO THERAPY AND RADIOTHERAPY FOR THE TREATMENT OF HER-2-POSITIVE CANCERS
[54] IMMUNOTHERAPIE ET RADIOTHERAPIE COMBINEES POUR LE TRAITEMENT DE CANCERS POSITIFS A HER-2
[72] PATERSON, YVONNE, US
[72] MASON, NICOLA, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[51] Int.Cl. G01V 1/28 (2006.01)
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[54] DETECTION DE COMPRESSION
[72] LI, CHIENGBO, US
[72] KAPLAN, SAM T., US
[72] MOSHER, CHARLES C., US
[72] BREWER, JOEL D., US
[72] KEYS, ROBERT G., US
[71] CONOCOPHILLIPS COMPANY, US
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[51] Int.Cl. E21B 23/04 (2006.01) E21B 17/04 (2006.01) E21B 23/08 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR PROVIDING A RESILIENT SOLID FUEL SOURCE IN A WELLBORE
[54] SYSTEME ET PROCEDE POUR LA MISE EN PLACE D'UNE SOURCE DE COMBUSTIBLE SOLIDE RESILIENT DANS UN Puits DE FORAGE
[72] CANNON, EDWIN A., US
[72] LOEHR, JOHN D., US
[72] MEYER, KENT S., US
[71] BAKER HUGHES INCORPORATED, US
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[54] APPARATUS AND METHOD FOR OPERATING A DEVICE IN A WELLBORE USING SIGNALS GENERATED IN RESPONSE TO STRAIN ON A DOWNHOLE MEMBER
[54] APPAREIL ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DANS UN Puits DE FORAGE A L'AIDE DE SIGNAUX GENERES EN REPONSE A UNE CONTRAINTE SUR UN ELEMENT DE FOND DE Puits
[72] RICHARD, BENNETT M., US
[72] JOHNSON, MICHAEL H., US
[72] BARNARD, JASON J., US
[72] WOOD, EDWARD T., US
[71] BAKER HUGHES INCORPORATED, US
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[54] **COMPOSITION DE LAVAGE DES MAINS ANTIMICROBIENNE**

[72] RODGERS, NANCY D., US

[72] FULS, JANICE L., US

[72] KILLIAN, JESSICA, US

[72] GUERRA, KANANI, US

[71] THE DIAL CORPORATION, US

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[51] **Int.Cl. B02C 18/14 (2006.01) B02C 18/22 (2006.01)**

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[54] **A PULVERIZING APPARATUS WITH HIGH PROCESSING CAPABILITY AND A METHOD FOR PRODUCING FINE PAPER POWDER**

[54] **BROYEUR A HAUT RENDEMENT, ET PROCEDE DE FABRICATION DE POUDRE FINE DE PAPIER**

[72] MATSUSHITA, TAKAMICHI, JP

[71] ECO RESEARCH INSTITUTE LTD., JP

[85] 2016-11-01

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[54] **ARRANGEMENT FOR ICE-BREAKING**

[54] **SYSTEME BRISE-GLACE**

[72] JOHANSSON, BENGT M, CA

[72] LILJESTROM, GORAN, SE

[71] STENA REIDERI AB, SE

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[54] **SENSOR SYSTEMS FOR MEASURING AN INTERFACE LEVEL IN A MULTI-PHASE FLUID COMPOSITION**

[54] **SYSTEMES DE CAPTEURS DESTINES A MESURER UN NIVEAU D'INTERFACE DANS UNE COMPOSITION DE FLUIDE MULTIPHASE**

[72] SURMAN, CHERYL MARGARET, US

[72] DIERINGER, JON ALBERT, US

[72] POTYRAILO, RADISLAV ALEXANDROVICH, US

[71] GENERAL ELECTRIC COMPANY, US

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[54] **METHOD AND SYSTEM FOR MICROBIAL LYSIS USING PERIODATES**

[54] **PROCEDE ET SYSTEME POUR LA LYSÉ MICROBIENNE A L'AIDE DE PERIODATES**

[72] BIRNBOIM, H. CHAIM, CA

[72] DE BRUIN, OLLE MAARTEN, CA

[71] DNA GENOTEK INC., CA

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[86] 2015-04-10 (PCT/CA2015/050292)

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[54] **FLEXIBLE OPTICAL BIOSENSOR FOR POINT OF USE MULTI-PATHOGEN DETECTION**

[54] **BIOCAPTEUR OPTIQUE FLEXIBLE POUR DETECTION DE MULTIPLES PATHOGENES AU POINT D'UTILISATION**

[72] SMITH, JOSEPH, US

[72] CHRISTEN, JENNIFER BLAIN, US

[72] ANDERSON, KAREN, US

[72] KATCHIMAN, BENJAMIN, US

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[54] **COMPRESSION INDENTATION FASTENER DEVICE**

[54] **DISPOSITIF DE FIXATION A INDENTATION ET A COMPRESSION**

[72] DRUMMOND, SCOTT, US

[72] ZIMMERMAN, STEVE, US

[72] WALWORTH, VAN T., US

[71] SR SYSTEMS, LLC, US

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[25] EN

[54] **SYSTEMS AND METHODS FOR A BOW LABEL FOR A BEVERAGE CONTAINER**

[54] **SYSTEMES ET PROCEDES POUR ETIQUETTE EN FORME DE NOEUD PAPILLON POUR UN RECIPIENT DE BOISSON**

[72] BOWERS, CHRISTOPHER JAMES, GB

[72] BENTLEY, GREGORY STEVEN, BE

[71] THE COCA-COLA COMPANY, US

[85] 2016-11-01

[86] 2015-05-06 (PCT/US2015/029358)

[87] (WO2015/171686)

[30] US (61/990,304) 2014-05-08

[21] **2,947,738**
[13] A1

[51] **Int.Cl. B01D 53/48 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR REMOVING SULFUR FROM HYDROCARBON FLUIDS**

[54] **SYSTEME ET PROCEDE D'ELIMINATION DU SOUFRE DE FLUIDES D'HYDROCARBURES**

[72] JOHNSON, DAN A., US

[72] WILSON, TOM, US

[71] JOHNSON, DAN A., US

[71] WILSON, TOM, US

[85] 2016-11-01

[86] 2015-05-04 (PCT/US2015/029076)

[87] (WO2015/168691)

[30] US (14/268,382) 2014-05-02

[21] **2,947,740**
[13] A1

[51] **Int.Cl. C05D 9/02 (2006.01)**

[25] EN

[54] **INCREASED LONGEVITY OF NITROGEN CONTENT OF SOIL THROUGH IMPROVED LIQUID DELIVERY FORMULATIONS OF NITRIFICATION INHIBITORS TO FERTILIZERS**

[54] **AUGMENTATION DE LA LONGEVITE DE LA TENEUR EN AZOTE DU SOL GRACE PAR DES FORMULATIONS D'APPORT DE LIQUIDE AMELIOREES D'INHIBITEURS DE NITRIFICATION A DES ENGRAIS**

[72] MCKNIGHT, GARY DAVID, US

[72] RAYBORN, RANDALL LINWOOD, US

[72] PARKER, DAVID BRUCE, US

[72] XU, WEI, US

[72] PERKINS, RAYMOND PATRICK, US

[72] YANG, ZEHUI, CN

[71] MCKNIGHT, GARY DAVID, US

[71] RAYBORN, RANDALL LINWOOD, US

[71] PARKER, DAVID BRUCE, US

[71] XU, WEI, US

[71] PERKINS, RAYMOND PATRICK, US

[71] YANG, ZEHUI, CN

[85] 2016-11-01

[86] 2015-05-02 (PCT/US2015/028961)

[87] (WO2015/168663)

[30] US (61/987,761) 2014-05-02

[21] **2,947,743**
[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/03 (2006.01)**

[25] EN

[54] **HIGH TEMPERATURE STABILIZER FOR POLYMER-BASED TREATMENT FLUIDS**

[54] **STABILISATEUR A HAUTE TEMPERATURE POUR FLUIDES DE TRAITEMENT A BASE DE POLYMERE**

[72] LEE, WINGKI, US

[72] MAKARYCHEV-MIKHAILOV, SERGEY, US

[72] CHRISTANTI, YENNY, US

[72] ALI, SYED AFAQ, US

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-11-01

[86] 2015-05-07 (PCT/US2015/029622)

[87] (WO2015/171857)

[30] US (61/989,819) 2014-05-07

[21] **2,947,744**
[13] A1

[25] EN

[54] **SYSTEM FOR IMAGING AND ORIENTING SEEDS AND METHOD OF USE**

[54] **SYSTEME POUR IMAGER ET ORIENTER DES GRAINES ET PROCEDE D'UTILISATION**

[72] MCCARTY II, DONALD L., US

[72] CHENNAREDDY, SIVARAMA R., US

[72] CIOAK, TOBY, US

[72] SARRIA, RODRIGO, US

[72] GILLESPIE, DAVID T., US

[71] DOW AGROSCIENCES LLC, US

[85] 2016-11-01

[86] 2015-05-05 (PCT/US2015/029181)

[87] (WO2015/171569)

[30] US (61/989,266) 2014-05-06

[21] **2,947,745**
[13] A1

[51] **Int.Cl. G01J 1/02 (2006.01)**

[25] EN

[54] **PHOTOCELL RECEPTACLE**

[54] **RECEPTACLE A CELLULE PHOTOELECTRIQUE**

[72] MOSTOLLER, MATTHEW EDWARD, US

[72] DAILY, CHRISTOPHER GEORGE, US

[72] HOWARD, EDWARD JOHN, US

[71] TYCO ELECTRONICS CORPORATION, US

[85] 2016-11-01

[86] 2015-05-04 (PCT/US2015/028983)

[87] (WO2015/171473)

[30] US (14/272,182) 2014-05-07

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[21] **2,947,747**
[13] A1
[51] **Int.Cl. G01N 21/76 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/563 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **GRAPHENE-MODIFIED ELECTRODES**
[54] **ELECTRODES MODIFIEES PAR GRAPHENE**
[72] BILLADEAU, MARK, US
[72] FRIESE, PAUL, US
[72] KISHBAUGH, ALAN, US
[72] SPIELES, GIBERT, US
[72] FOX-LYON, NICHOLAS, US
[71] MESO SCALE TECHNOLOGIES, LLC., US
[85] 2016-11-01
[86] 2015-05-08 (PCT/US2015/029804)
[87] (WO2015/171971)
[30] US (61/990,839) 2014-05-09

[21] **2,947,752**
[13] A1
[51] **Int.Cl. B65D 85/52 (2006.01)**
[25] EN
[54] **CONSTANT ILLUMINATED, TAMPER-RESISTANT PLANT SHIPPING CONTAINER**
[54] **CONTENANT DE SECURITE CONSTAMMENT ECLAIRE POUR L'EXPEDITION DE PLANTES**
[72] FENNER, LARRY D., US
[71] CLONESHIPPER, LLC, US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/029032)
[87] (WO2015/168678)
[30] US (61/987,969) 2014-05-02
[30] US (14/703,211) 2015-05-04

[21] **2,947,753**
[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01) B60P 1/16 (2006.01) B61D 9/02 (2006.01)**
[25] EN
[54] **AIR-TO-HYDRAULIC FLUID PRESSURE AMPLIFIER**
[54] **AMPLIFICATEUR DE PRESSION DE FLUIDE PNEUMATIQUE-HYDRAULIQUE**
[72] VILLAR, CHRIS, US
[72] WARRINGTON, MATTHEW, US
[71] MONTANA HYDRAULICS, LLC, US
[85] 2016-11-01
[86] 2015-05-06 (PCT/US2015/029386)
[87] (WO2015/171708)
[30] US (61/991,038) 2014-05-09
[30] US (14/700,886) 2015-04-30

[21] **2,947,755**
[13] A1
[51] **Int.Cl. E05B 41/00 (2006.01)**
[25] EN
[54] **STATUS-INDICATING CYLINDRICAL LOCK ASSEMBLY**
[54] **ENSEMBLE DE VERROUILLAGE CYLINDRIQUE A INDICATION D'ETAT**
[72] GOPALAKRISHNAN, SUBBIAH, IN
[72] DAVID, KEVIN EARL, US
[72] BARKER, KENTON HAYES, US
[72] BIEKER, SHELL, US
[72] COMPTON, DANIEL J., US
[72] ROBINSON, BRANDON, US
[72] SOLANKI, SNEHIL, US
[72] HEBNER, GREG, US
[72] MASSEY, BILL, US
[72] TAMER, SAMIR M., US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/029035)
[87] (WO2015/168679)
[30] US (61/987,970) 2014-05-02
[30] US (14/702,962) 2015-05-04

[21] **2,947,758**
[13] A1
[51] **Int.Cl. A61B 17/22 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVAL OF BLOOD AND THROMBOTIC MATERIAL**
[54] **SYSTEMES ET PROCEDES POUR L'ELIMINATION DE DEBRIS DE SANG ET DE THROMBUS**
[72] LOOK, DAVID M., US
[72] MALLABY, MARK, US
[71] WALK VASCULAR, LLC, US
[85] 2016-11-01
[86] 2015-05-19 (PCT/US2015/031460)
[87] (WO2015/179329)
[30] US (62/000,448) 2014-05-19
[30] US (14/715,451) 2015-05-18

[21] **2,947,759**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **SELF CLOSING AND OPENING FILLING NEEDLE, NEEDLE HOLDER, FILLER AND METHOD**
[54] **AIGUILLE DE REMPLISSAGE A FERMETURE ET OUVERTURE AUTOMATIQUES, PORTE-AIGUILLE, CHARGE ET PROCEDE**
[72] PY, DANIEL, US
[71] DR. PY INSTITUTE LLC, US
[85] 2016-11-01
[86] 2015-05-09 (PCT/US2015/030044)
[87] (WO2015/175356)
[30] US (61/991,467) 2014-05-10
[30] US (61/991,561) 2014-05-11

[21] **2,947,760**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) A01G 31/00 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SUPPLEMENTATION PRODUCT WITH DELAYED ACTIVATION CONTROL**
[54] **PRODUIT DE SUPPLEMENTATION EN DIOXYDE DE CARBONE AVEC UNE COMMANDE D'ACTIVATION RETARDE**
[72] BABCOCK, GLEN, US
[72] BABCOCK GARRETT, WENDY, US
[71] BABCOCK, GLEN, US
[71] BABCOCK GARRETT, WENDY, US
[85] 2016-11-01
[86] 2015-05-29 (PCT/US2015/033149)
[87] (WO2015/184242)
[30] US (62/005,406) 2014-05-30
[30] US (29/492,375) 2014-05-30

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[21] **2,947,761**
[13] A1

[51] **Int.Cl. E21B 33/10 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **EXPANSION LIMITER FOR EXPANDABLE SEAL**
[54] **LIMITEUR D'EXPANSION POUR JOINT EXTENSIBLE**
[72] WILLIAMS, JEFFREY C., US
[72] RONCK, BENJAMIN T., US
[72] HU, ZIPING, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-11-01
[86] 2015-05-11 (PCT/US2015/030149)
[87] (WO2015/175407)
[30] US (14/276,496) 2014-05-13

[21] **2,947,762**
[13] A1

[51] **Int.Cl. H04W 88/08 (2009.01) H04W 72/04 (2009.01) H04B 7/06 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION**
[72] HAN, SEUNGHEE, US
[72] CHOI, GI WAN, US
[72] KWON, HWAN-JOON, US
[72] PAPATHANASSIOU, APOSTOLOS, US
[72] FWU, JONG-KAE, US
[71] INTEL IP CORPORATION, US
[85] 2016-11-01
[86] 2015-05-19 (PCT/US2015/031513)
[87] (WO2015/187357)
[30] US (62/006,729) 2014-06-02
[30] US (14/697,369) 2015-04-27

[21] **2,947,763**
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **REAL-TIME MODEL OF STATES OF MONITORED DEVICES**
[54] **MODELE EN TEMPS REEL D'ETATS DE DISPOSITIFS SURVEILLES**
[72] DIEHL, DAVID FREDERICK, US
[72] JACKSON, LEIF AIR FIRE GROSCH, US
[72] PLUSH, JAMES ROBERT, US
[71] CROWDSTRIKE, INC., US
[85] 2016-11-01
[86] 2015-06-01 (PCT/US2015/033551)
[87] (WO2015/187566)
[30] US (14/297,974) 2014-06-06

[21] **2,947,764**
[13] A1

[51] **Int.Cl. E21B 23/01 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **TRAVEL STOP FOR EXPANSION TOOL TO LIMIT STRESS ON A SURROUNDING TUBULAR**
[54] **BUTEE DE COURSE POUR OUTIL D'EXPANSION POUR LIMITER LA CONTRAINTE SUR UN ELEMENT TUBULAIRE ENVIRONNANT**
[72] WILLIAMS, JEFFREY C., US
[72] RONCK, BENJAMIN T., US
[72] HU, ZIPING, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-11-01
[86] 2015-05-11 (PCT/US2015/030171)
[87] (WO2015/175416)
[30] US (14/276,496) 2014-05-13
[30] US (14/496,792) 2014-09-25

[21] **2,947,771**
[13] A1

[51] **Int.Cl. G01N 33/566 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **OPTOGENETIC PROBES FOR MEASURING MEMBRANE POTENTIAL**
[54] **SONDES OPTOGENETIQUES POUR MESURER UN POTENTIEL MEMBRANAIRE**
[72] COHEN, ADAM E., US
[72] HOCHBAUM, DANIEL, US
[72] ZOU, PENG, US
[72] FARHI, SAMOUIL LEON, US
[72] CAMPBELL, ROBERT EARL, CA
[72] ZHAO, YONGXIN, CA
[72] HARRISON, DANIEL JED, CA
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2016-11-01
[86] 2015-06-17 (PCT/US2015/036181)
[87] (WO2015/195769)
[30] US (62/013,775) 2014-06-18

[21] **2,947,773**
[13] A1

[51] **Int.Cl. A61B 17/15 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC CUTTING BLOCK AND METHOD OF MANUFACTURING SAME**
[54] **BLOC DE COUPE SPECIFIQUE A UN PATIENT, ET SON PROCEDE DE FABRICATION**
[72] NEUROHR, ANSELM JAKOB, CA
[72] COUTURE, PIERRE, CA
[72] MASSE, VINCENT, CA
[71] ZIMMER, INC., US
[85] 2016-11-01
[86] 2015-06-03 (PCT/US2015/033966)
[87] (WO2015/187822)
[30] US (62/007,124) 2014-06-03

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[21] 2,947,774
[13] A1

- [51] Int.Cl. F25B 39/04 (2006.01) F28D 5/02 (2006.01)
- [25] EN
- [54] IMPROVED EVAPORATIVE CONDENSER
- [54] CONDENSEUR EVAPORATIF AMELIORE
- [72] VISSER, KLAAS, AU
- [71] VISSER, KLAAS, AU
- [85] 2016-11-02
- [86] 2015-05-13 (PCT/AU2015/000277)
- [87] (WO2015/172180)
- [30] AU (2014901764) 2014-05-13

[21] 2,947,775
[13] A1

- [51] Int.Cl. A61L 27/56 (2006.01) C12N 5/077 (2010.01) A61F 2/28 (2006.01) A61K 35/32 (2015.01)
- [25] EN
- [54] STRUCTURAL POROUS BIOMATERIAL AND IMPLANT FORMED OF SAME
- [54] BIOMATERIAU POREUX DE STRUCTURE ET PROTHESE FORMEE A PARTIR DE CELUI-CI
- [72] PASINI, DAMIANO, CA
- [72] TANZER, MICHAEL, CA
- [72] ARABNEJAD, SAJAD KHANOKI, CA
- [72] JOHNSTON, BURNETT, CA
- [71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
- [85] 2016-11-02
- [86] 2015-05-04 (PCT/CA2015/050384)
- [87] (WO2015/164982)
- [30] US (61/987,950) 2014-05-02

[21] 2,947,777
[13] A1

- [51] Int.Cl. H01Q 15/16 (2006.01)
- [25] EN
- [54] PARABOLIC ANTENNA WITH SELF-STRUCTURED REFLECTOR
- [54] ANTENNE PARABOLIQUE AVEC REFLECTEUR AUTO-STRUCTURE
- [72] ABREU, JOAO DO ESPIRITO SANTO, BR
- [72] ABREU, JOAO ALEXANDRE DE, BR
- [72] HESSLING, MARJORY ANN, BR
- [71] ABREU, JOAO DO ESPIRITO SANTO, BR
- [71] ABREU, JOAO ALEXANDRE DE, BR
- [85] 2016-11-02
- [86] 2015-05-29 (PCT/BR2015/000082)
- [87] (WO2015/184518)
- [30] BR (BR202014013528 1) 2014-06-04

[21] 2,947,778
[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) A61P 25/00 (2006.01)
- [25] EN
- [54] ERBB2 SIGNALING AND NERVE REGENERATION
- [54] SIGNALISATION ERBB2 ET REGENERATION NERVEUSE
- [72] PLACHETA, EVA, AT
- [72] HENDRY, JAMES M., CA
- [72] GORDON, TESSA, CA
- [72] BORSCHIEL, GREGORY H., CA
- [71] THE HOSPITAL FOR SICK CHILDREN, CA
- [85] 2016-11-02
- [86] 2015-05-04 (PCT/CA2015/050500)
- [87] (WO2015/164984)
- [30] US (61/987,692) 2014-05-02

[21] 2,947,780
[13] A1

- [51] Int.Cl. H04W 24/02 (2009.01) H04W 76/00 (2009.01)
- [25] EN
- [54] ELECTRONIC APPARATUS IN WIRELESS COMMUNICATION SYSTEM, AND MOBILITY MEASUREMENT METHOD
- [54] APPAREIL ELECTRONIQUE DANS UN SYSTEME DE COMMUNICATIONS SANS FIL, ET PROCEDE DE MESURE DE MOBILITE
- [72] QIN, ZHONGBIN, CN
- [71] SONY CORPORATION, JP
- [85] 2016-11-02
- [86] 2015-06-05 (PCT/CN2015/080865)
- [87] (WO2015/196919)
- [30] CN (201410283433.2) 2014-06-23

[21] 2,947,782
[13] A1

- [51] Int.Cl. A61F 2/00 (2006.01) A61B 5/00 (2006.01) A61F 5/00 (2006.01)
- [25] FR
- [54] IMPLANTABLE OCCLUSION SYSTEM COMPRISING A DEVICE FOR DETECTING ATROPHY OF A NATURAL CONDUIT
- [54] SYSTEME OCCLUSIF IMPLANTABLE COMPRENANT UN DISPOSITIF DE DETECTION DE L'ATROPHIE D'UN CONDUIT NATUREL
- [72] LAMRAOUI, HAMID, FR
- [71] UROMEMS, FR
- [85] 2016-11-02
- [86] 2014-05-21 (PCT/EP2014/060467)
- [87] (WO2014/187870)
- [30] FR (1354534) 2013-05-21

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[21] **2,947,783**
[13] A1

[51] **Int.Cl. G01M 3/26 (2006.01) A61F 2/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DETECTING A SLOW LEAK IN AN IMPLANTABLE HYDRAULIC OCCLUSION SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNE FUITE LENTE DANS UN SYSTEME OCCLUSIF HYDRAULIQUE IMPLANTABLE**
[72] LAMRAOUI, HAMID, FR
[71] UROMEMS, FR
[85] 2016-11-02
[86] 2014-05-21 (PCT/EP2014/060468)
[87] (WO2014/187871)
[30] FR (1354538) 2013-05-21

[21] **2,947,809**
[13] A1

[51] **Int.Cl. G02B 3/14 (2006.01) G02F 1/13 (2006.01)**
[25] EN
[54] **CONTROL OF DYNAMIC LENSES**
[54] **COMMANDE DE VERRES DYNAMIQUES**
[72] YADIN, YOAV, IL
[72] HADDAD, YARIV, IL
[72] ALON, ALEX, IL
[71] OPTICA AMUKA (A.A.) LTD., IL
[85] 2016-11-02
[86] 2015-05-07 (PCT/IB2015/053335)
[87] (WO2015/186010)
[30] US (62/007,948) 2014-06-05
[30] US (62/010,475) 2014-06-11

[21] **2,947,811**
[13] A1

[51] **Int.Cl. F16L 3/137 (2006.01)**
[25] EN
[54] **A MULTI-FIT CLIP**
[54] **ATTACHE A AJUSTEMENT REGLABLE**
[72] SUMNER, MICHAEL JOHN, NZ
[72] GIURGIU, GABRIEL IOAN, NZ
[72] HAYNES, ANDREW LEO, NZ
[72] MORROW, CHRISTOPHER CHARLES, NZ
[71] LAKE PRODUCTS LIMITED, NZ
[85] 2016-11-02
[86] 2015-06-19 (PCT/IB2015/054610)
[87] (WO2015/193841)
[30] NZ (626526) 2014-06-20

[21] **2,947,817**
[13] A1

[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES RELATING TO REAL-TIME OBJECT IDENTIFICATION**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS CONCERNANT L'IDENTIFICATION D'OBJETS EN TEMPS REEL**
[72] REES, STEVEN, AU
[71] HORTICULTURE INNOVATION AUSTRALIA LIMITED, AU
[71] UNIVERSITY OF SOUTHERN QUEENSLAND, AU
[85] 2016-11-02
[86] 2015-05-05 (PCT/IB2015/001604)
[87] (WO2015/181642)
[30] US (61/988,541) 2014-05-05

[21] **2,947,821**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61F 2/01 (2006.01)**
[25] EN
[54] **ENDOVASCULAR TREATMENT ASSISTANCE TOOL**
[54] **OUTIL D'ASSISTANCE AU TRAITEMENT ENDOVASCULAIRE**
[72] INOUE, KANJI, JP
[72] YAGI, TAKAHIRO, JP
[72] FUJITA, MASAKI, JP
[72] KADOWAKI, KOJI, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] INOUE, KANJI, JP
[85] 2016-11-02
[86] 2015-05-08 (PCT/JP2015/063265)
[87] (WO2015/170732)
[30] JP (2014-097539) 2014-05-09
[30] JP (2014-154888) 2014-07-30

[21] **2,947,823**
[13] A1

[51] **Int.Cl. A61F 2/01 (2006.01)**
[25] EN
[54] **ENDOVASCULAR TREATMENT AID**
[54] **DISPOSITIF D'AIDE AU TRAITEMENT ENDOVASCULAIRE**
[72] INOUE, KANJI, JP
[72] YAGI, TAKAHIRO, JP
[72] FUJITA, MASAKI, JP
[72] KADOWAKI, KOJI, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] INOUE, KANJI, JP
[85] 2016-11-02
[86] 2015-05-08 (PCT/JP2015/063266)
[87] (WO2015/170733)
[30] JP (2014-097540) 2014-05-09
[30] JP (2014-154889) 2014-07-30

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- [21] 2,947,827
[13] A1
- [51] Int.Cl. H01M 8/02 (2016.01) C08K 3/10 (2006.01) C08K 5/3432 (2006.01) C08K 5/49 (2006.01) C08L 71/00 (2006.01) C08L 101/12 (2006.01) H01B 1/06 (2006.01) H01M 8/10 (2016.01)
- [25] EN
- [54] POLYMER ELECTROLYTE COMPOSITION AND POLYMER ELECTROLYTE MEMBRANE, POLYMER ELECTROLYTE MEMBRANE WITH CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL EACH USING THE SAME
- [54] COMPOSITION D'ELECTROLYTE POLYMER ET MEMBRANE ELECTROLYTE POLYMER, MEMBRANE ELECTROLYTE POLYMER A COUCHE DE CATALYSEUR, ENSEMBLE MEMBRANE-ELECTRODES, ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMER UTILISANT CHACUN CETTE COMPOSITION
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[72] LI, JING, CA
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[72] YAMANAKA, AKIHIRO, JP
[72] TAGUCHI, KENJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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- [54] LENTILLE DE CONTACT A HYDROGEL AYANT UNE SURFACE HUMIDE, ET SON PROCEDE DE FABRICATION
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[72] OH, KYUNG HEE, KR
[71] INTEROJO INC., KR
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[72] CHAMBERS, LARRY DELYNN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] OH, SEJIN, KR
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- [54] DISPOSITIF DE COMMANDE DE FREIN DE LOCOMOTIVE POUVANT ETRE CONFIGURE
- [72] LEONARD, ERICH, US
[71] NEW YORK AIR BRAKE, LLC, US
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[54] **COMPOSES POUR TRAITER DES MALADIES MEDIEES PAR L'ANGIOGENESE**

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[72] BASAVARAJAPPA, HALESIA D., US

[72] SEO, SEUNG-YONG, KR

[72] LEE, BIT, KR

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[54] **AMPLIFICATION PRATIQUEMENT NON BIAISEE DE GENOMES**

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[72] ZHANG, KUN, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

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[54] **SURVEILLANCE DU MOUVEMENT D'UN FLUIDE SOUTERRAIN A L'AIDE D'UNE DETECTION ACOUSTIQUE REPARTIE**

[72] RANJAN, PRIYESH, US

[72] SMITH, KEN, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

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[54] **CLAY STABILIZERS**

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[72] SHUMWAY, WILLIAM WALTER, US

[72] MCDANIEL, CATO RUSSELL, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

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[54] **CYLINDRE PNEUMATIQUE SUPERIEUR A TROIS CHAMBRES ET A CONTREPOIDS POUR OPERATIONS DE LEVAGE ARTIFICIEL**

[72] TAO, TAO, US

[72] MCEACHERN, MATTHEW J., US

[72] CHEN, HUAIJUN, US

[72] LI, YANMEI, US

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[54] **CONTENANT FLEXIBLE ET SON PROCESSUS DE PRODUCTION**

[72] WILKES, KENNETH R., US

[72] OLIVEIRA, MARLOS G., BR

[72] FRANCA, MARCOS P., BR

[71] DOW GLOBAL TECHNOLOGIES LLC, US

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[54] VALVULES CARDIAQUES DE
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RECHERCHE DU PAS OPTIMAL
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[72] AYENIA, GBOYEGA, US
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[72] CONGDON, THOMAS MARSHALL,
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[72] SCHIELE, CHAD EDWARD, US
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PROTECTION
[54] SYSTEME DE VETEMENT DE
PROTECTION AYANT UNE
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[72] SEEFELDT, MICHAEL, US
[72] CZAJKA, FRANCIS, US
[71] MEDLINE INDUSTRIES, INC., US
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[72] WANG, SHUYU, US
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[71] WHITEHEAD INSTITUTE FOR
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[54] **COMPOSES COLORANTS PHOTO-STABLES ET THERMIQUEMENT STABLES POUR OPTIQUES FILTRANT SELECTIVEMENT**
[72] CEFALO, DUSTIN ROBERT, US
[72] BOMMER, JERRY CHARLES, US
[72] TRAJKOVSKA-BROACH, ANITA, US
[72] BLUM, RONALD DAVID, US
[72] ISHAK, ANDREW, US
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[54] **CABLE OPTIQUE POUR NŒUDS LARGE BANDE**
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[72] VILLIGER, BRETT, US
[72] DOBBINS, PATRICK, US
[71] AFL TELECOMMUNICATIONS LLC, US
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[54] **BEC VERSEUR ANTI-MORSURE**
[72] TEBBE, MARK GERARD, US
[72] KHACHIKIAN, NAIRI, US
[72] HATHERILL, MARK A., US
[72] JOHNSON, KEVIN DOUGLAS, US
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[54] **SYSTEME DE SUPPORT DE CONDUCTEUR ROTATIF**
[72] O'CONNELL, DANIEL NEIL, CA
[72] WABNEGGER, DAVID KARL, CA
[71] QUANTA ASSOCIATES, L.P., US
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[54] **PRODUITS DE CHARBON ACTIF ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[72] TULL, SCOTT W., US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
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[54] **STACKED TWO-DIMENSIONAL MATERIALS AND METHODS FOR PRODUCING STRUCTURES INCORPORATING SAME**
[54] **MATERIAUX BIDIMENSIONNELS EMPILES ET PROCEDES DE PRODUCTION DE STRUCTURES CONTENANT CEUX-CI**
[72] FLEMING, SHAWN P., US
[72] BEDWORTH, PETER V., US
[72] CASEY, DAVID F., JR., US
[72] HEISE, SCOTT E., US
[72] KAPELANCZYK, MATTHEW M., US
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[54] **CHAMP DE VISION ETENDU POUR CASQUE INTEGRAL DE MOTOCYCLETTE**
[72] LOWE, MICHAEL W., US
[71] BELL SPORTS, INC., US
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- [54] **SYSTEMES ET PROCEDES DE REGULATION DE PROCEDES DESTINES A ETRE UTILISES AVEC DES FILTRES ET PROCEDES DE FILTRATION**
- [72] GEFROIL, EVA, US
- [72] SCHWEICKART, RANDOLPH W., US
- [72] PETTY, KRISTA, US
- [72] FRANK, GREGORY, US
- [72] SALSTROM TERPSMSA, CHRISTINE, US
- [72] HEWIG, ARTHUR C., III, US
- [72] SCHULTZ, JOSEPH EDWARD, CH
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- [54] **METHODS AND DEVICES FOR IMAGING LARGE INTACT TISSUE SAMPLES**
- [54] **PROCEDES ET DISPOSITIFS POUR L'IMAGERIE DE GRANDS ECHANTILLONS DE TISSUS INTACTS**
- [72] TOMER, RAJU, US
- [72] DEISSEROTH, KARL A., US
- [71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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- [54] **SEAT SUSPENSION SYSTEM, APPARATUS, AND METHOD OF USING SAME**
- [54] **SYSTEME DE SUSPENSION DE SIEGE, APPAREIL ET PROCEDE D'UTILISATION CORRESPONDANT**
- [72] TAYLOR, PAUL WESLEY, CA
- [72] CHARBONEAU, DANIEL BENNETT, CA
- [72] CANOVA, JAMES STEVEN, CA
- [72] REES, TIMOTHY, CA
- [71] CDG COAST DYNAMICS GROUP LTD., CA
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- [25] EN
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- [54] **SUPPORT DE PLINTHE A SOLIN A GORGE**
- [72] ROSSI, FRED, CA
- [72] WESTFAHL, JUSTIN, CA
- [72] CAMPOS, MARCIO, CA
- [72] LEITCH, JAMES, CA
- [71] FUSION TERRAZZO SYSTEMS INCORPORATED, CA
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- [25] EN
- [54] **2,2'-BIS-THIAZOLE-BASED COMPOUNDS, PREPARATION METHOD THEREFOR AND USE THEREOF**
- [54] **COMPOSE DE DITHIAZOLE 2,2'-TANDEM, SON PROCEDE DE PREPARATION ET SON UTILISATION**
- [72] NAN, FAJUN, CN
- [72] LI, JIA, CN
- [72] XIE, XIN, CN
- [72] GONG, CHAOJUN, CN
- [72] ZHOU, YUBO, CN
- [72] CHAI, HUI, CN
- [72] ZHANG, YANGMING, CN
- [72] SU, MINGBO, CN
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- [54] **AMELIORATION DE L'EFFICACITE DE COMMUNICATION**
- [72] TIROLA, ESA TAPANI, FI
- [72] HOOLI, KARI JUHANI, FI
- [72] LUNTILA, TIMO ERKKI, FI
- [71] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[54] **ANCORAGE DE CABLE AVEC MATERIAU D'ENROBAGE**
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[25] EN
[54] **ANTIBACTERIAL MICRO- AND NANOPARTICLES COMPRISING A CHLORHEXIDINE SALT, METHOD OF PRODUCTION AND USES THEREOF**
[54] **MICROPARTICULES ET NANOPARTICULES ANTIBACTERIENNES COMPRENANT UN SEL DE CHLORHEXIDINE, PROCEDE DE PRODUCTION ET UTILISATIONS ASSOCIEES**
[72] REDMOND, MICHELE EMILY, GB
[71] THE UNIVERSITY OF BRISTOL, GB
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[25] EN
[54] **GENOME SEQUENCE MODIFICATION METHOD FOR SPECIFICALLY CONVERTING NUCLEIC ACID BASES OF TARGETED DNA SEQUENCE, AND MOLECULAR COMPLEX FOR USE IN SAME**
[54] **PROCEDE DE MODIFICATION DE SEQUENCE GENOMIQUE PERMETTANT LA CONVERSION DE FACON SPECIFIQUE DE BASES D'ACIDE NUCLEIQUE DE SEQUENCES D'ADN CIBLEES ET COMPLEXE MOLECULAIRE DESTINE A ETRE UTILISEE DANS CE DERNIER**
[72] NISHIDA, KEIJI, JP
[72] KONDO, AKIHIKO, JP
[72] KOJIMA, SATOMI, JP
[71] NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY, JP
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[25] EN
[54] **APPARATUS AND METHOD FOR MELTING AND MOLDING METAL IN VACUUM ENVIRONMENT**
[54] **APPAREIL ET PROCEDE DE FUSION ET DE MOULAGE DE METAL DANS UN ENVIRONNEMENT SOUS VIDE**
[72] GO, DONG KEUN, KR
[72] GO, MYOUNG SU, KR
[71] GO, DONG KEUN, KR
[71] GO, MYOUNG SU, KR
[85] 2016-11-03
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[54] **APPAREIL A MOULE DESTINE AU MOULAGE DE METAL DANS UN ENVIRONNEMENT A VIDE POUSSE**
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[72] GO, MYOUNG SU, KR
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[71] GO, MYOUNG SU, KR
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[54] ENSEMBLE DISPOSITIF DE SUSPENSION A ORIENTATION POUR DEPLOYER DES OUTILS MWD
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[71] GE ENERGY OIL FIELD TECHNOLOGY, INC., US
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[51] Int.Cl. H04W 24/10 (2009.01) H04W 72/00 (2009.01)
[25] EN
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[54] CONFIGURATION ET CREATION DE RAPPORT DE MESURAGE MBSFN
[72] DALSGAARD, LARS, FI
[72] KESKITALO, ILKKA ANTERO, FI
[72] KAIKKONEN, JORMA JOHANNES, FI
[71] NOKIA TECHNOLOGIES OY, FI
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[54] MARKING TAPE MEASURE
[54] METRE RUBAN DE MARQUAGE
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[71] SCARBOROUGH, DANE, US
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[72] DELGADO, JESSIE, US
[72] BROWKA, EDWARD, US
[72] MCCALL, CHARLES E., JR., US
[72] FOSHEE, DAVID L., US
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[72] MERCHANT, TEJAL, US
[71] ANACOR PHARMACEUTICALS, INC., US
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[25] EN
[54] IBS MICROBIOTA AND USES THEREOF
[54] MICROBIOTE DU SYNDROME DU COLON IRRITABLE ET UTILISATIONS ASSOCIEES
[72] GOLDEN, PAM, US
[72] FODOR, ANTHONY, US
[72] BORTEY, ENOCH, US
[72] FORBES, WILLIAM, US
[71] SALIX PHARMACEUTICALS, INC., US
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[25] EN
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[54] SYSTEME DE MODELISATION DE REGRESSIONS UTILISANT DES VALEURS DE NOTATION D'ACTIVATION COMME ENTREES D'UNE REGRESSION POUR PREDIRE L'UTILISATION ET LE COUT DES SOINS DE SANTE ET/OU LEURS VARIATIONS
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[72] DELANEY, CHRISTOPHER R., US
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[72] YANA MOTTA, SAMUEL F., US
[72] POTTKE, GUSTAVO, US
[72] SPATZ, MARK W., US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE FACTEUR DE CROISSANCE**
[72] SCHURPF, THOMAS, US
[72] CHANG, GREGORY P., US
[72] MAHANTHAPPA, NAGESH K., US
[71] SCHOLAR ROCK, INC., US
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[13] A1

[51] **Int.Cl. B64C 29/00 (2006.01) B64C 11/00 (2006.01) B64C 27/12 (2006.01) B64C 27/20 (2006.01) B64D 27/00 (2006.01) B64D 31/00 (2006.01) B64D 35/04 (2006.01)**
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[54] **VTOL AIRCRAFT**
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[72] BRODY, DAVID E., US
[72] OLCOTT, DENNIS D., US
[71] XTI AIRCRAFT COMPANY, US
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[13] A1

[51] **Int.Cl. A61K 38/07 (2006.01)**
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[54] **COMBINAISONS DE COMPOSES MODULANT NMDAR**
[72] MOSKAL, JOSEPH R., US
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[85] 2016-11-03
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[25] EN
[54] **FLAME RESISTANT FABRIC HAVING WOOL BLENDS**
[54] **TEXTILE RESISTANT A LA FLAMME COMPORTANT DES MELANGES DE LAINES**
[72] STANHOPE, MICHAEL T., US
[72] DUNN, CHARLES S., US
[71] SOUTHERN MILLS, INC., US
[85] 2016-11-03
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[54] **ENERGY STORAGE DEVICE AND METHOD OF PRODUCTION THEREOF**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] LAZAREV, PAVEL IVAN, US
[71] CAPACITOR SCIENCES INCORPORATED, US
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[54] MODULE SERVANT A INTERCEPTER ET A CAPTURER DES INSECTES RAMPANTS ET AUTRES SEMBLABLES ET A SURVEILLER LEUR PRESENCE

[72] SANFORD, RANDALL, CA

[71] 1ST DEFENCE INDUSTRIES LTD., CA

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[41] 2016-11-02

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[54] REFORMER EXERCISE APPARATUS

[54] APPAREIL D'EXERCICE DE REMISE EN FORME

[72] ENDELMAN, KEN, US

[72] SAVARINO, CHRISTOPHER J., US

[72] MASTERSON, BRIAN, US

[72] OBERWELZ, ELGER, US

[72] YURCHENCO, JAMES R., US

[72] PATRON, ANTHONY, US

[72] OVERTHUN, THOMAS DIETER CHRISTIAN, US

[72] STUDENT, JOERG, US

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[54] METHODE D'ASSEMBLAGE DE COUCHES PREIMPREGNEES SUR DES OUTILS MOULES A L'AIDE D'UN SUPPORT PELLICULAIRE DEFORMABLE

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[72] WILLDEN, KURTIS S., US

[72] MODIN, ANDREW E., US

[72] DEPOSE, EDOARDO, US

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[54] APPAREIL DE DECODAGE D'IMAGE PERMETTANT D'OBTENIR UNE IMAGE DECODEE PAR DECODAGE DE DONNEES CODEES

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IMAGE FORMING APPARATUS
WHICH USES CARTRIDGE
[54] CARTOUCHE, ET APPAREIL
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[72] NOTTAGE, RYAN W., US
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[25] EN
[54] SYSTEMS AND METHODS FOR
RECORDING AND PLAYING
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DESIRABLE RECORDING
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[54] SYSTEMES ET PROCEDES
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[54] FOCUSED STREAM, AERATED
FOAM PROJECTING NOZZLE
INCLUDING FIXED WAND
SYSTEM AND METHOD AS WELL
AS POSSIBLY PORTABLE
CENTER POINTING NOZZLE
[54] AJUTAGE PROJETANT UNE
MOUSSE AEREE, A FLUX
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SYSTEME POUR TORCHE FIXE
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[72] NAYLOR, GLEN, CA
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[72] CYCHOWSKI, TOMASZ, CA
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[51] Int.Cl. E21B 33/129 (2006.01) E21B
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[54] OUTIL DE FOND ET PROCEDE
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[72] VANLUE, DUKE, US
[71] DOWNHOLE TECHNOLOGY LLC,
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[72] BACKERT, ALISA JONES, US
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[30] US (61/006,301) 2008-01-04
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[21] **2,947,211**
[13] A1
[51] **Int.Cl. A23L 33/16 (2016.01) A23L 27/00 (2016.01) A23L 27/40 (2016.01) A23L 33/10 (2016.01) A23L 33/125 (2016.01) A23L 2/38 (2006.01) A23L 2/52 (2006.01)**
[25] EN
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[72] RINALDI, VINCENT, US
[72] WEE, JIA KHIUN, US
[72] BRASLAVSKAYA, MARINA, US
[72] ALI, ZEINAB, US
[72] AUBRY VICTOIRE, US
[71] STOKELY-VAN CAMP, INC., US
[22] 2011-06-03
[41] 2011-12-08
[62] 2,800,121
[30] US (61/351,172) 2010-06-03

[21] **2,947,225**
[13] A1
[51] **Int.Cl. B67D 1/12 (2006.01) B67D 1/00 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR DISPENSING A LIQUID FROM A LIQUID STORAGE CONTAINER**
[54] **APPAREIL POUR DISTRIBUER UN LIQUIDE PROVENANT D'UN RECIPIENT DE STOCKAGE DE LIQUIDE**
[72] WALTON, PHILIP A., GB
[72] VIPOND, STEPHEN J., GB
[72] RIVARD, DENNIS L., CA
[72] NICKERSON, TYLER W., CA
[71] CARDOMON INTERNATIONAL LIMITED, CN
[22] 2012-08-27
[41] 2013-03-07
[62] 2,844,261
[30] US (13/137,606) 2011-08-29
[30] US (13/373,886) 2011-12-05

[21] **2,947,247**
[13] A1
[51] **Int.Cl. E04G 21/12 (2006.01)**
[25] EN
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[54] **MACHINE LIEUSE DE BARRES DE RENFORT**
[72] KUSAKARI, ICHIRO, JP
[72] KASAHARA, AKIRA, JP
[71] MAX CO., LTD., JP
[22] 2009-11-12
[41] 2010-06-12
[62] 2,685,959
[30] JP (2008-316889) 2008-12-12
[30] JP (2009-115150) 2009-05-12

[21] **2,947,275**
[13] A1
[51] **Int.Cl. H04S 1/00 (2006.01) H04R 5/04 (2006.01)**
[25] EN
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[54] **APPARIEMENT DE CANAUX MULTIPLES DANS UN SYSTEME MULTIMEDIA**
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[72] ERICSON, MICHAEL DARRELL ANDREW, US
[72] LAMBOURNE, ROBERT A., US
[72] REIMANN, ROBERT, US
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[71] SONOS, INC., US
[22] 2012-04-26
[41] 2012-10-11
[62] 2,832,542

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[51] **Int.Cl. C07K 14/78 (2006.01) C07K 5/103 (2006.01)**
[25] EN
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[72] FALLA, TIMOTHY J., US
[72] ZHANG, LIJUAN, US
[71] HELIX BIOMEDIX INC., US
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[41] 2007-12-21
[62] 2,655,116
[30] US (60/813,284) 2006-06-13

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[21] 2,947,569 [13] A1 [51] Int.Cl. B23K 35/24 (2006.01) C22C 19/03 (2006.01) C22C 30/00 (2006.01) C22C 38/08 (2006.01) [25] EN [54] WELDED JOINT OF EXTREMELY LOW-TEMPERATURE STEEL, AND WELDING MATERIALS FOR PREPARING SAME [54] JOINT SOUDE D'ACIER A TENUE AUX TEMPERATURES EXTREMEMENT BASSES, ET MATIERES DE SOUDURE POUR SA PREPARATION [72] HAN, II-WOOK, KR [72] KIM, JEONG-KIL, KR [72] LEE, BONG-KEUN, KR [72] LEE, HONG-KIL, KR [71] POSCO, KR [22] 2013-11-22 [41] 2014-05-30 [62] 2,890,476 [30] KR (10-2012-0133244) 2012-11-22 [30] KR (10-2012-0133245) 2012-11-22 [30] KR (10-2012-0135518) 2012-11-27	[21] 2,947,592 [13] A1 [51] Int.Cl. A61F 7/03 (2006.01) A61F 7/00 (2006.01) A61H 37/00 (2006.01) [25] EN [54] SELF-HEATED CONSUMER SPA PRODUCTS AND APPLICATIONS THEREOF [54] PRODUITS THERMAUX GRAND PUBLIC AUTO-CHAUFFANTS ET LEURS APPLICATIONS [72] YOUNG, DANIEL, US [71] FOREVER YOUNG INTERNATIONAL, INC., US [22] 2010-07-26 [41] 2011-02-10 [62] 2,803,079 [30] US (61/228,590) 2009-07-26 [30] US (61/228,596) 2009-07-26 [30] US (61/228,593) 2009-07-26 [30] US (61/228,595) 2009-07-26	[21] 2,947,729 [13] A1 [51] Int.Cl. C12N 15/54 (2006.01) C07H 3/06 (2006.01) C07K 19/00 (2006.01) C08B 37/02 (2006.01) C12N 9/10 (2006.01) C12P 19/04 (2006.01) C12P 19/18 (2006.01) [25] EN [54] CONSTRUCTION OF NEW VARIANTS OF DEXTRANSUCRASE DSR-S BY GENETIC ENGINEERING [54] CONSTRUCTION DE NOUVEAUX VARIANTS DE DEXTRANSUCRASE DSR-S PAR GENIE GENETIQUE [72] MONSAN, PIERRE, FR [72] REMAUD-SIMEON, MAGALI, FR [72] POTOCKI-VERONESE, GABRIELLE, FR [72] MOULIS, CLAIRE, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR [71] INSTITUT NATIONAL DE RECHERCHE AGRONOMIQUE, FR [71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE, FR [22] 2007-02-08 [41] 2007-08-16 [62] 2,639,150 [30] FR (06/01117) 2006-02-08
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UNIFY GMBH & CO. KG	2,847,130	VOGLER, KLAUS	2,826,737	WILHELM, FERNAND	2,737,362
UNIGEN, INC.	2,703,698	VOICEAGE CORPORATION	2,729,665	WILKS, ANDREW FREDERICK	2,857,067
UNITED WIRE LIMITED	2,726,470	VOLM COMPANIES, INC.	2,775,579	WILL, SVEN-ERIC	2,813,228
UNIVATION TECHNOLOGIES,		VOLVO GROUP NORTH		WILLDEN, KURTIS S.	2,832,229
LLC	2,728,129	AMERICA, LLC	2,778,038	WILLIAMS, KENNETH E.	2,870,847
UNIVERSITE D'ANGERS	2,701,377	VONDRACEK, PAVEL	2,867,059	WILLIAMS, MATTHEW	2,736,923
UNIVERSITE JEAN MONNET	2,832,477	VONESH, MICHAEL J.	2,850,497	WILLIAMS, MATTHEW	2,736,930
UNIVERSITE LAVAL	2,507,566	VUORIO, PETTERI	2,684,191	WILSON, COLIN	2,670,974
UNIVERSITY OF MIAMI	2,718,884	W.L. GORE & ASSOCIATES,		WILSON, PAUL	2,649,829
UNIVERSITY OF PITTSBURGH		INC.	2,850,497	WILT, MICHAEL	2,790,208
- OF THE		WAGER, STEFAN	2,710,158	WITHERS, JAMES C.	2,676,245
COMMONWEALTH		WAGNER, PAUL	2,737,375	WITSIL, KATHLEEN H.	2,381,973
SYSTEM OF HIGHER		WALSH, JOHN E., III	2,650,128	WITTE, OWEN N.	2,699,967
EDUCATION	2,771,995	WANG, BIN	2,631,467	WOBBEN PROPERTIES GMBH	2,867,136
UNWIRED PLANET, LLC	2,704,189	WANG, BIN	2,745,736	WOLDEGERGIS, YOHANNES	2,858,889
URDANETA, GUSTAVO		WANG, BIN	2,751,712	WOLFF, HANS-MICHAEL	2,761,427
ADOLFO	2,923,722	WANG, JUN	2,641,558	WOMACK, JAMES, EARL	2,747,593
UYEHARA, CLYDE T.	2,667,458	WANG, SHIHUI	2,790,014	WONG, WAYNE WING CHUN	2,834,010
VAIL, MICHAEL ALEXANDER	2,838,822	WANG, TIE-LIN	2,736,923	WRIGHT, DAVID SCOTT	2,862,852
VAKALOPOULOS,		WANG, TIE-LIN	2,736,930	WU, JIANMING	2,824,653
ALEXANDROS	2,727,199	WANG, YI	2,824,653	WU, ZHIHUA	2,636,282
VALMET TECHNOLOGIES,		WARD, JENNIFER	2,732,098	WUDYKA, SCOTT	2,729,308
INC.	2,684,191	WARREN, DANIEL ADAM	2,918,662	WUELLNER, CHRISTIAN	2,826,737
VALMET TECHNOLOGIES,		WATANABE, HIROSHI	2,909,568	WUHU HUIYING AUTOMATIC	
INC.	2,755,430	WATANABE, MAKOTO	2,818,926	EQUIPMENT CO., LTD.	2,857,213
VAN 'T KLOOSTER, GERBEN		WATERLEAF LIMITED	2,503,901	WUHU HUIYING AUTOMATIC	
ALBERT ELEUTHERIUS	2,739,673	WATSON-MARLOW GMBH	2,813,228	EQUIPMENT CO., LTD.	2,857,520
VAN DER HEIJDE, GERRIT		WAVELIGHT GMBH	2,826,737	WYETH	2,631,467
LUDOLPH	2,903,598	WEATHERFORD		X-TECHNOLOGY SWISS	
VAN DER LINDE, PETER	2,905,047	TECHNOLOGY		GMBH	2,739,524
VAN DUN, CORNELIS MARIA		HOLDINGS, LLC	2,837,085	XAVIER, STAN	2,689,847
PETRUS	2,636,110	WEATHERFORD		XTREME DRILLING CORP.	2,728,494
VAN INGELGEM, WERNER	2,600,061	TECHNOLOGY		XU, HUA	2,743,513
VAN SCHAIJK, RIANNE		HOLDINGS, LLC	2,856,090	XU, JING	2,775,465
MARIA ALLEGONDA		WEBER, CARSTEN	2,815,689	YAMAZAKI, HIROSHI	2,827,028
HEENDRIK	2,733,759	WEBER, MARC	2,655,740	YAN, SHUNQI	2,766,882
VAN SCHAIK, LAMBERTUS S.	2,834,010	WEERATUNGA, GAMINI	2,815,063	YANG, HAITAO	2,838,578
VAN VESSEM, LOUIS	2,824,121	WEINER, DAVID B.	2,745,736	YANG, YOON SUN	2,692,232
VAN-ROB INC.	2,834,010	WEINER, DAVID B.	2,751,712	YANTZER, BRENDA	2,693,571
VANDENBERG, ED	2,720,787	WELLS, WILLIAM		YEATS, KEITH I.	2,776,227
VARTANIAN, ALEXIS	2,651,465	MCDOWALL	2,763,148	YEH, KANG CHANG	2,725,378
VAUGHN, ERIC M.	2,664,914	WENG, JIANFENG	2,832,160	YING, DANIEL DAZHANG	2,689,237
VEDANA, FRANCESCO	2,714,239	WENTZLER, SYLVIE	2,695,628		

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YOSHIMITSU, TETSUO	2,859,754
YOSHINAGA, MASAKI	2,875,353
YOU, JUN	2,873,107
YOUNG, DONALD R.	2,862,852
YOUNGDO IND. CO., LTD.	2,874,308
YU, HUAYUN	2,850,614
YU, JOHN S.	2,700,573
YU, WEIPING	2,704,258
YU, YI	2,747,593
ZALYATOV, MARAT	
MARSOVICH	2,794,014
ZANOTTI-GEROSA, ANTONIO	2,711,529
ZBIRKA, MICHEL	2,636,373
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ZENG, HONGKUI	2,681,650
ZENG, XIAN-MING	2,856,054
ZENG, XIAOZHENG	2,826,237
ZEPEDA, JOHN A.	2,770,834
ZERBARINI, PAUL J.	2,672,107
ZHANG, HANG	2,743,513
ZHANG, HONG	2,717,482
ZHANG, HUI	2,671,410
ZHANG, JAMES	2,710,805
ZHANG, LEILIN	2,872,360
ZHANG, XU	2,679,830
ZHANG, YUJIAN	2,868,417
ZHANG, YUN	2,760,729
ZHANG, ZHAOLI	2,775,465
ZHAO, LEE	2,774,061
ZHAO, SHUGUANG	2,893,341
ZHAO, YONG	2,666,789
ZHENG, YUNFEI	2,830,242
ZHONG, XUEFEI	2,717,482
ZHONGSHAN BROAD-OCEAN	
MOTOR CO., LTD.	2,679,830
ZHOU, BING	2,636,282
ZHOU, CHAOYIN	2,815,203
ZHOU, HUA	2,824,653
ZHOU, JIANTONG	2,838,578
ZHOU, YE	2,760,729
ZHOU, ZHENHUA	2,636,282
ZHU, PEIYING	2,743,513
ZHU, TONG	2,815,689
ZIMMER, INC.	2,641,966
ZIMMERMAN, RICHARD	2,850,957
ZIMMERMANN, KATJA	2,727,199
ZOPF, DAVID A.	2,682,897
ZUBILLAGA ALCORTA,	
OIHANA	2,895,054
ZURN INDUSTRIES, LLC	2,903,659
ZX PHARMA, LLC	2,881,992

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ACEAGE INC.	2,924,949	CHALIFOUX, GERALD	2,890,974	STEEN	2,929,270
ADVANCED CONSERVATION		CHAN, PAUL MON-WAH	2,929,787	ERNSDORFF, PAUL	2,929,705
TECHNOLOGIES INC.	2,890,976	CHAN, PAUL MON-WAH	2,929,791	EXAFAN, S.A.	2,929,922
ADVANTAGE PRODUCTS INC.	2,929,303	CHAN, PAUL MON-WAH	2,929,802	FAN, HIN H. F.	2,891,135
AHDOOT, BENJAMIN	2,929,141	CHAN, PAUL MON-WAH	2,929,803	FARRUGIA, VALERIE M.	2,926,275
AHDOOT, ELIOT	2,929,141	CHANGEJAR INC.	2,901,949	FARRUGIA, VALERIE M.	2,926,276
AHDOOT, ELIOT	2,929,425	CHERVON (HK) LIMITED	2,929,511	FATHI, EHSANALLAH	2,887,186
AHDOOT, SIMON	2,929,141	CHI, WENDY	2,926,276	FAVILLA, STEPHAN JOEL	2,924,782
AIR LIQUIDE MEDICAL		CHILDRESS, KIMIKO	2,929,270	FELIX, SHELDON	2,929,529
SYSTEMS	2,928,215	CHIU, MING-TSUNG	2,891,043	FINK, ANITA	2,929,270
ALEO, DINO D.	2,929,288	CICERO, FRANCESCO	2,892,324	FISCHER, MICHAEL ANDREW	
ANGMAN, PER	2,929,318	CIVES CORPORATION	2,894,111	BUDELL	2,928,072
API LABS INC.	2,941,315	CLARK, STEPHEN H.	2,929,209	FTZPATRICK, DYLAN JAMES	2,928,976
AUBRY, ANNIE	2,890,580	CLAUDER, MICHAEL A.	2,903,170	FTZPATRICK, DYLAN JAMES	2,928,984
BALTIMORE, AMY MARIE	2,890,606	CLOVER MYSTIQUE CO.		FLUID BIOTECH INC.	2,929,926
BARNES, SHARON A.	2,929,705	LIMITED	2,895,887	FOLK, KYLE	2,891,018
BARNETT, JONATHAN K.	2,929,787	COHEN, EVAN	2,929,787	FRANCOTYP-POSTALIA	
BARNETT, JONATHAN K.	2,929,791	COHEN, EVAN	2,929,802	GMBH	2,928,168
BARNETT, JONATHAN K.	2,929,802	CONVENTRY, GREGORY	2,894,740	FRANCOTYP-POSTALIA	
BECHERER, JOSEPH C.	2,929,491	COOK, EVAN DAVID	2,924,949	GMBH	2,928,673
BEECKLER, CHRISTOPHER		CORREIA, VICTOR HUGO		FRANCOTYP-POSTALIA	
THOMAS	2,928,076	SILVA	2,928,177	GMBH	2,928,803
BELANGER, PAUL	2,890,976	CORSETTI, BRIAN KENNETH	2,928,177	FRIEDRICH, ESTHER	2,924,299
BERNETT, NOAH	2,942,266	COSTAIN, KEVIN	2,928,179	FULTON, KELLY	2,890,580
BESLIN, OLIVIER	2,929,297	COSTAIN, KEVIN	2,928,187	GARCIA, LUIS	2,929,337
BIAMBRI, PALLAVI	2,929,926	COVIDIEN LP	2,926,848	GARDNER, SANDRA J.	2,926,276
BIAN, CHAO	2,928,783	COVIDIEN LP	2,927,874	GE ENERGY POWER	
BIBEAU, ERIC L.	2,925,630	COVIDIEN LP	2,928,583	CONVERSION	
BIGZ TECH	2,929,141	CPI EXCAVATING INC.	2,894,740	TECHNOLOGY LTD	2,928,189
BIGZ TECH	2,929,425	CRAIG, TYLER	2,890,606	GELLER, BRANDON	2,890,709
BIOSENSE WEBSTER		CRAWFORD, JAMES	2,929,297	GELLER, BRANDON	2,928,942
(ISRAEL) LTD.	2,928,076	CULP, YIYUN	2,929,007	GENERAL ELECTRIC	
BLACKBERRY LIMITED	2,929,140	D'SOUZA, DERRIC	2,928,072	COMPANY	2,922,517
BLINN, CHRISTOPHER A.	2,929,339	DA FONSECA E		GENERAL ELECTRIC	
BOGARD, JUSTIN H.	2,922,517	BRANQUINHO DE PAIS		COMPANY	2,928,177
BOWDEN, WILLIAM JOSEPH	2,928,986	MONTEIRO, JOANA	2,929,271	GENERAL ELECTRIC	
BREEZE-STRINGFELLOW,		DA FONSECA, JOANA DINIZ	2,929,271	COMPANY	2,928,179
ANDREW	2,928,986	DAVIS, ADAM S.	2,928,179	GENERAL ELECTRIC	
BREEZE-STRINGFELLOW,		DE LUCA, VINCENZO	2,890,888	COMPANY	2,928,187
ANDREW	2,928,988	DE SEQUEIRA SERRA NUNES,		GENERAL ELECTRIC	
BROOKS, MARTY C.	2,929,705	ANGELA MARIA JESUS	2,929,271	COMPANY	2,928,976
BROOMER, MARK	2,928,177	DEAN, BRENT D.	2,890,999	GENERAL ELECTRIC	
BURGE, BRIAN DEWAYNE	2,928,072	DEGEL, VOLKER	2,929,212	COMPANY	2,928,982
BURTON, SCOTT RICHARD	2,926,675	DESOUZA, ALANA RAH	2,926,275	GENERAL ELECTRIC	
CAMPS, TOM	2,901,949	DEVINO, VINCENT	2,928,583	COMPANY	2,928,984
CARVALHO GOMES, JOAO		DEVLOO, BRYAN	2,924,327	GENERAL ELECTRIC	
MANUEL	2,929,271	DIVAKARA, MANJUNATHA	2,928,212	COMPANY	2,928,986
CEDAR, RICHARD DAVID	2,928,986	DONAHUE, PAUL W.	2,928,984	GENERAL ELECTRIC	
CENTI - CENTRO DE		DOUBLE T EQUIPMENT LTD.	2,891,039	COMPANY	2,928,988
NANOTECHNOLOGIA E		DVORETZKI, NOAM	2,929,403	GENERAL ELECTRIC	
DE MATERIAIS		DZIECH, AARON MICHAEL	2,929,159	COMPANY	2,929,159
TECNICOS FUNCIONAIS		EICKHOF COLUMBARIA, INC.	2,929,428	GENERAL ELECTRIC	
E INTELIGENTES	2,929,271	EMO3 INC.	2,890,738	COMPANY	2,929,298
CEVA D.S.P. LTD.	2,929,403	ENNS, DAVID A.	2,891,001	GETZLAF, DON	2,929,685

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GFI GROUP, INC.	2,892,324	KEMFLO (NANJING)		MICKAN, MARK	2,929,339
GILBERT, DAVE	2,890,738	ENVIRONMENTAL		MILLER, BRANDON WAYNE	2,928,988
GILLIS, BROCK	2,929,685	TECHNOLOGY CO., LTD.	2,909,859	MILLS, JAMES A.	2,941,453
GIRARD, LEN M.	2,885,404	KEMFLO (NANJING)		MIRZAEI, AMIR A.	2,890,665
GOEHRING, WILLIAM R.	2,929,028	ENVIRONMENTAL		MISHRA, AMIYA	2,894,111
GONCALVES PIMENTA		TECHNOLOGY CO., LTD.	2,909,862	MISRA, MANJUSRI	2,929,129
MACHADO, VASCO	2,929,271	KEMFLO INTERNATIONAL		MITEL NETWORKS	
GOROKHOVSKY, VLADIMIR	2,928,389	CO., LTD.	2,909,859	CORPORATION	2,926,675
GRANT, KEVIN	2,929,791	KEMFLO INTERNATIONAL		MITHA, ALIM	2,929,926
GRUBKA, LAWRENCE J.	2,929,696	CO., LTD.	2,909,862	ITSUI HIGH-TEC, INC.	2,929,017
GUIDUCCI, HADRIEN	2,928,215	KENJALE, BHUPENDRA	2,929,337	ITSUI HIGH-TEC, INC.	2,929,174
GUO, JIANPENG	2,929,511	KEYES, JOSEPH THOMAS	2,928,076	MOCKRY, ELDON F.	2,890,696
HACH, FORREST		KHALID, SYED ARIF	2,928,986	MOHANTY, AMAR K.	2,929,129
CHRISTOPHER	2,928,179	KIM, SUNGSUK STEVE	2,922,179	MOK CHOE, MOK	2,929,803
HAGSTROM, KIM	2,929,520	KLEIN, CHRISTOPHER		MOORE, MARSHA L.	2,929,705
HALTON OY	2,929,520	MICHAEL	2,929,135	MOORE, WILLIAM P. A.	2,923,114
HAMILTON, MATTHEW	2,929,787	KONDAGE, SAVINI UDARA		MORETTI, CHRISTIANNE	2,929,791
HAMILTON, MATTHEW	2,929,791	SUDUWELI	2,890,606	MORR TRANSPORTATION	
HAMILTON, MATTHEW	2,929,802	KOVALCHUK, IGOR	2,941,315	SERVICES	2,928,783
HANNAH, CARSON B.	2,929,135	KRISHNAMURTHY,		MORRISON, SHANNON L.	2,929,007
HANSEN, SVEN	2,927,991	DIVYASHREE	2,928,212	MORTENSEN, KENNETH P.	2,890,696
HARRISON, BRIAN CASEY	2,928,072	KULCHYCKI, MARK	2,891,001	MOULINE, NIKITA	2,924,949
HASUO, YUSUKE	2,929,017	LAN, CHAOLONG	2,929,485	MUHL, WOLFGANG	2,928,168
HASUO, YUSUKE	2,929,174	LAYFIELD GROUP LTD.	2,941,453	MUHL, WOLFGANG	2,928,673
HELMS, ANTHONY WILLIAM	2,928,072	LEE, CHRISTOPHER JOSEPH	2,928,189	MUHL, WOLFGANG	2,928,803
HENRY, KYLE EARL ROLAND	2,928,984	LEE, JOHN JONG-SUK	2,929,787	MUSSIG, BERNHARD	2,927,991
HERAEUS NOBLELIGHT		LEE, JOHN JONG-SUK	2,929,802	NADLER, RYAN	2,891,001
GMBH	2,926,989	LEE, SANG GEUN	2,927,982	NATIONAL RESEARCH	
HETTEL, ROWAN OLUND	2,928,076	LEIBNITZ, RUDIGER	2,924,299	COUNCIL OF CANADA	
HICKMAN, CRAIG J.	2,890,696	LIN, CHING SHIUNG	2,909,859	(NRC)	2,890,580
HIGH, DONALD	2,929,200	LIN, CHING SHIUNG	2,909,862	NCS MULTISTAGE INC.	2,929,685
HILLIER, PETER MATTHEW	2,926,675	LIN, JACK	2,909,859	NEU, DOROTHY	2,928,820
HODGSON, DAVID	2,929,341	LIN, JACK	2,909,862	NEUMANN, ULRICH WERNER	2,928,179
HONEYWELL		LITTELFUSE, INC.	2,929,529	NEUMANN, ULRICH WERNER	2,928,187
INTERNATIONAL INC.	2,928,212	LOGAN, JESSAMYN ROSS	2,890,606	NEW WIDETECH INDUSTRIES	
HOOVER, PAUL E.	2,929,007	LOGAN, SUSAN M.	2,890,580	CO., LTD.	2,891,043
HOSSEINIAN, ALI	2,929,803	LONNEMAN, PATRICK JOHN	2,928,986	NICHOLSON, MARK C.	2,928,820
HUMENIK, DAVID	2,928,389	LOZADA, PAULINO J.	2,891,020	NIE, FANGJIE	2,929,511
HUYNH, NAM N.	2,891,046	LUO, RUI	2,929,007	NIELSEN, ROBERT	2,901,949
HWY 123 FARMS LTD.	2,890,999	MA, JIANLU	2,927,874	NOVA CHEMICALS	
IANNUCCI, DAVID A.	2,928,474	MA, MINGLIAN	2,929,485	CORPORATION	2,890,606
IGNIS INNOVATION INC.	2,887,186	MAGFAST, LLC	2,903,170	OBREJANU, MARCEL	2,941,404
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INTRAGRAIN		GERARD	2,929,297	ORTMANN, AXEL	2,928,803
TECHNOLOGIES INC.	2,891,018	MANION, LEO P.	2,894,111	OSMON, JOSHUA DAVID	2,928,072
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IZUMI, MASAHIRO	2,929,174	MARI, KEVIN	2,929,791	OWENS CORNING	
JIAN, MING	2,890,980	MARI, KEVIN	2,929,802	INTELLECTUAL	
JOHNSON, JEAN E	2,929,007	MAROCO, NORBERT	2,928,260	CAPITAL, LLC	2,929,696
JOHNSON, MICHAEL R.	2,928,179	MAROCO, NORBERT	2,928,261	PALL CORPORATION	2,924,299
JONASSEN, DENNIS ROBERT	2,928,984	MARQUES PESSOA, RICARDO		PALLMANN	
JONES, CLINT	2,890,974	DANIEL	2,929,271	MASCHINENFABRIK	
JONES, COURTNEY R.	2,928,652	MARTEL, NICHOLAS	2,929,259	GMBH & CO. KG	2,929,212
JONES, LEE A.	2,928,652	MATHIAS, CHRISTOPHER		PALLMANN, HARTMUT	2,929,212
JOSDAL, TYRONE	2,903,326	DALE	2,928,984	PARACHA, ZULFIQAR ALI	2,928,072
JOUNG, SEK HWAN	2,928,324	MCHALE, BRIAN	2,929,200	PASIECZNY, ALEKSANDER	
KADAM, MADHUR	2,928,583	MCKALE, MARK J.	2,929,204	PIOTR	2,928,986
KALKOUNIS, NICK	2,929,140	MELISTAS, GEORGE D.	2,929,766	PATTON, MIKE	2,929,760
KARAFILLIS, APOSTOLOS		MELISTAS, KALIOPI E.	2,929,766	PERMUY, ALFRED	2,928,189
PAVLOS	2,928,984	MELNIKOVA, ALJONA	2,927,991	PERRY, THOMAS WILLIAM	2,929,135
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		MERKLEY, ALAN RAY	2,924,782	PETERSON, NICHOLAS	2,928,389
		MESSIER-DOWTY LIMITED	2,928,682		

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PFEIFFER, GAYLON MITCHELL	2,928,179	SOBCINSKI, MARY KAY	2,928,652	WANG, RAYMOND R. M.	2,929,340
PFEIFFER, GAYLON MITCHELL	2,928,187	SOLOMON, LUKE ANTHONY	2,928,189	WAUGH, DONALD CRAIG	2,924,949
PFLEGING, RACHEL MARIE	2,928,072	SPX COOLING TECHNOLOGIES, INC.	2,890,696	WAUGH, DONALD SPENCER	2,924,949
PIECH, WILLIAM ROBERT	2,928,072	SRINIVAS, JITENDRA BHARGAVA	2,926,848	WEERASINGHE, PASAN	2,901,949
PINTO LOPES, JAIME RAFAEL	2,929,271	STANSBY, NEAL	2,901,949	WERRIES, MICHAEL	2,929,685
PIRNER, PAUL	2,929,722	STAUNER, JOSEPH	2,929,209	WEST, J. STEPHEN	2,929,362
POCAS GONCALVES, JOSE JOAQUIM	2,929,271	STONE, CHRISTIEN R.	2,890,541	WILLIAMS, TIMOTHY LEROY	2,923,512
POLYGROUP MACAU LIMITED (BVI)	2,929,485	SULLIVAN, PATRICK A.	2,928,389	WILLMAN, STEPHANIE	2,928,179
POMAR GOMA, JESUS	2,929,922	SWEET & STICKY INC.	2,890,888	WILLMAN, STEPHANIE	2,928,187
PREMIUM ARTIFICIAL LIFT SYSTEMS LTD.	2,941,404	SZURGOT, MATEUSZ	2,929,540	WILMOT, THEODORE STEVEN	2,928,179
PREST, SIMON	2,892,324	T. F. WARREN GROUP CORPORATION	2,929,339	WINFREE, GORDON B.	2,929,760
PRETSCH, RALF	2,926,989	TAYLOR, EDWARD	2,928,389	WINTHERS, TYLER M.	2,929,007
QMAX CATALYTIC, LLC	2,929,135	TEMPLETON, GORDON D. O.	2,929,683	WONG, JOHN H.	2,929,926
QUANTA ASSOCIATES, L.P.	2,929,760	TERNOWETSKY, NEIL	2,928,783	XEROX CORPORATION	2,926,275
RAD, HIRBOD	2,890,665	TESA SE	2,927,991	XEROX CORPORATION	2,926,276
RAJKUMAR, MALATHY	2,928,212	TESSIER, LYNN	2,929,303	YAMAOKA, TOSHINARI	2,929,511
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RAWLINGS, DIANE C.	2,923,512	THE BOEING COMPANY	2,923,478	ZATORSKI, DAREK TOMASZ	2,928,988
REBIOTIX, INC.	2,928,652	THE BOEING COMPANY	2,923,512	ZHANG, WEIBIN	2,929,270
REEVES, NICHOLAS JAMES	2,924,949	THE BOEING COMPANY	2,924,782	ZUIDBERG TECHNIK HOLDING B.V.	2,929,258
REEVES, WILLIAM J.	2,894,111	THE COLEMAN COMPANY, INC.	2,929,007	ZUIDBERG, JEROEN EMIEL	2,929,258
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK	2,929,540	THE TORONTO-DOMINION BANK	2,929,787		
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REMPEL, GARRETH	2,928,783	THE TORONTO-DOMINION BANK	2,929,802		
ROSEMOUNT AEROSPACE INC.	2,929,270	THE TORONTO-DOMINION BANK	2,929,803		
ROWLEY, DEAN	2,924,327	THOMAS, THOMAS M.	2,891,039		
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SENER, ALEXANDER MARTIN	2,929,298	UNIQUEM INC.	2,890,665		
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ALCOA INC.	2,947,720	ARUI, ANTONY	2,947,477	AKTIENGESSELLSCHAFT	2,944,370
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COOKSON, ANDREW PETER	2,945,570	DENUILL, WOLFGANG	2,944,701	ECOLAB USA INC.	2,932,347
COOPER, LAURENCE J.N.	2,945,388	DEROSIER, GREG	2,947,437	ECOLAB USA INC.	2,947,491
COOPER, LAURENCE J.N.	2,945,393	DERRICK CORPORATION	2,947,714	ECOLAB USA INC.	2,947,498
COOPER, MAX DALE	2,947,429	DERYNCK, MIKA K.	2,945,068	EDELSON, JONATHAN	2,947,603
CORONADO, DINA	2,947,958	DESJARLAIS, JOHN	2,943,621	EDWARDS LIMITED	2,945,204
CORPORATION DE L'ECOLE		DEUTSCH, NACHMAN	2,947,430	EDWARDS, ANDREW JAMES	2,946,674
POLYTECHNIQUE DE		DEVICOR MEDICAL		EHINGER, KARL HENRIK	
MONTREAL	2,947,115	PRODUCTS, INC.	2,947,284	JOHANNES	2,944,560
CORRETTIER, JESUS F.	2,947,324	DEWITT, ROBERT	2,947,204	EHRLHARDT, RUDOLF	2,947,429
CORSON, TIMOTHY W.	2,947,838	DH TECHNOLOGIES		EIS, KNUT	2,944,370
COUTINHO CORREIA,		DEVELOPMENT PTE.		EISA R&D MANAGEMENT	
FLAVIO AUGUSTO	2,947,485	LTD.	2,947,239	CO., LTD.	2,947,396
COUTURE, PIERRE	2,947,773	DHANJI, SALIM	2,947,631	ELI LILLY AND COMPANY	2,945,188
COWLEY, PHILLIP	2,944,240	DI FULVIO, MARCO	2,945,631	ELMER, ESKIL	2,944,560
CREVLING, ROBERT LENT,		DI SCHIENA, MICHELE		EMBREE, WAYNE	2,947,392
JR.	2,946,645	GIUSEPPE	2,945,631	EMORY UNIVERSITY	2,947,429
CRICKMORE, ROGER	2,947,661	DIAZ, MARCOS	2,947,524	EMPL, GUNTER	2,945,550
CROWDSTRIKE, INC.	2,947,763	DIAZ, RICARDO SOUBIE	2,944,389	ENVIRONMENTAL	
CUNNINGHAM, STEPHEN L.	2,947,606	DICKERSON, BENJAMIN D.	2,946,726	SOLUTIONS	
CUREVAC AG	2,945,629	DICOCOCO, ENRICO ANTHONY	2,947,598	INTERNATIONAL	2,947,676
CURRAN, KEVIN JOSEPH	2,944,475	DIEHL, DAVID FREDERICK	2,947,763	ERICKSON, ANTHONY	2,947,491
CYTODYN INC.	2,944,989	DIERINGER, JON ALBERT	2,947,692	ERICKSON, ANTHONY	2,947,498
CZAJKA, FRANCIS	2,947,855	DITTA, JONATHAN L.	2,944,466	ESCHIE, ROBERT	2,947,204
DA COSTA, DANIEL JAY	2,947,320	DNA GENOTEK INC.	2,947,704	ESSER, HANS-GEORG	2,944,275
DA SILVA, ISMAEL DALE		DOBBINS, PATRICK	2,947,866	ESSILOR INTERNATIONAL	
COTRIM GUERREIRO	2,944,389	DONDERICI, BURKAY	2,947,364	(COMPAGNIE GENERALE	
DACHIRAJU, RAJESH	2,947,957	DONG, FENGGAO	2,947,163	D'OPTIQUE)	2,947,115
DAILY, CHRISTOPHER		DONG, XING	2,947,882	ESTES, CHRISTOPHER A.	2,947,427
GEORGE	2,947,745	DOW AGROSCIENCES LLC	2,947,612	ETHICON ENDO-SURGERY,	
DALSGAARD, LARS	2,947,953	DOW AGROSCIENCES LLC	2,947,615	LLC	2,946,726
DAMOUR, FRANCOIS-		DOW AGROSCIENCES LLC	2,947,733	EVAPCO, INC.	2,947,437
XAVIER	2,945,911	DOW AGROSCIENCES LLC	2,947,744	EVONIK DEGUSSA GMBH	2,947,634
DANA CANADA		DOW GLOBAL		EVOQUA WATER	
CORPORATION	2,947,321	TECHNOLOGIES LLC	2,947,585	TECHNOLOGIES LLC	2,945,708
DANA, REZA	2,947,295	DOW GLOBAL		EWM EICHELHARDTER	
DANMARKS TEKNISKE		TECHNOLOGIES LLC	2,947,845	WERKZEUG- UND	
UNIVERSITET	2,945,409	DR. ING. H.C. F. PORSCHE		MASCHINENBAU GMBH	2,945,875
DARIAN, ALEXANDER	2,947,279	AKTIEGENSCHAFT	2,944,222	EXXONMOBIL UPSTREAM	
DARLING, CHRISTOPHER	2,944,437	DR. PY INSTITUTE LLC	2,947,759	RESEARCH COMPANY	2,947,410
DAS, SOURAV	2,944,157	DRAHER, EDGAR	2,945,905	EXXONMOBIL UPSTREAM	
DAVID, KEVIN EARL	2,947,755	DRAKE, PENELOPE M.	2,947,484	RESEARCH COMPANY	2,947,847

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F. HOFFMANN-LA ROCHE AG	2,943,889	FULS, JANICE L.	2,947,682	GO, MYOUNG SU	2,947,945
F. HOFFMANN-LA ROCHE AG	2,944,402	FURUKAWA, SHINYA	2,947,403	GODECKE, ANDREAS	2,944,544
F. HOFFMANN-LA ROCHE AG	2,944,834	FUSION TERRAZZO SYSTEMS		GOEBEL, DAVID ALLEN	2,946,674
F. HOFFMANN-LA ROCHE AG	2,945,068	INCORPORATED	2,947,909	GOEPFERT, ULRICH	2,944,834
FALKENBERG, STEFANIE	2,945,905	FWU, JONG-KAE	2,947,762	GOETZ, STEFAN	2,944,222
FALLER, CRAIG N.	2,946,726	GACHON UNIVERSITY OF		GOLDBERG, JOEL ADAM	2,944,475
FAN, JIAN-BING	2,947,426	INDUSTRY-ACADEMIC		GOLDEN, PAM	2,947,962
FARHI, SAMOUIL LEON	2,947,771	COOPERATION		GOLE, JEFFREY	2,947,840
FEI, XIANG	2,947,838	FOUNDATION	2,947,838	GOLZ, STEFAN	2,944,370
FEIGENBLUM, JOSE	2,945,246	GALL, ALEXANDER A.	2,944,155	GONG, CHAOJUN	2,947,912
FENNER, LARRY D.	2,947,752	GALL, ALEXANDER A.	2,944,319	GONZALES, ADOLFO	2,947,251
FERNHOLZ, PETER J.	2,947,491	GALLAGHER, KEVIN J.	2,934,554	GOPALAKRISHNAN,	
FERNO-WASHINGTON, INC.	2,944,532	GALLEY, GUIDO	2,943,889	KALPANA	2,944,315
FERNO-WASHINGTON, INC.	2,947,273	GAMES-THIEL, KATE DORA	2,944,402	GOPALAKRISHNAN,	
FEUSI, MARCO	2,945,546	GANAPATHIRAJU, ARAVIND	2,947,957	SUBBIAH	2,947,755
FICKES, MICHAEL G.	2,945,205	GANE, PATRICK A. C.	2,944,098	GORDON, TESSA	2,947,778
PIEBIG, KEVIN M.	2,947,284	GANGULY, SHUVABRATA	2,946,674	GOSSUIN, CHANTAL	2,946,808
FIGIEL, KERRY D.	2,947,589	GANTENBEIN, DANIEL	2,944,098	GOTO, KUNIO	2,947,534
FIGIEL, KERRY D.	2,947,591	GANZER, DAVID WAYNE	2,947,672	GOTO, KUNIO	2,947,535
FISCHER, UDO	2,945,648	GAO, YI	2,947,324	GOTO, KUNIO	2,947,536
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FISHER & PAYKEL		GARFORTH, SCOTT J.	2,947,489	GRAHAM, ELIZABETH	
HEALTHCARE LIMITED	2,947,573	GARIBAY, JUAN	2,947,596	GRACE	2,945,159
FISHER, CHRISTOPHER		GAROFALO, ALBERT W.	2,947,484	GRAPHIC PACKAGING	
EUGENE	2,947,672	GASTEYER, THEODORE H.	2,944,191	INTERNATIONAL, INC.	2,947,296
FISHILEVICH, ELANE	2,947,615	GATIPON, SHAUN B.	2,947,610	GRAY, STEVEN DANIEL	2,945,941
FLAVELL, RICHARD	2,947,309	GAVRIN, LORI KRIM	2,944,475	GREENE, WILLIAM	2,947,408
FLEMING, SHAWN P.	2,947,884	GAZZOLA, GIANLUCA	2,945,195	GREGORY, PHILIP D.	2,947,622
FLEMINGS, MERTON C.	2,947,263	GBOX LLC	2,947,294	GRENIER, ADRIEN	2,945,368
FLOWTECH CO., LTD.	2,947,551	GE ENERGY OIL FIELD		GRIESMEIER, ROBERT	2,946,337
FLYNN, MICHAEL	2,946,801	TECHNOLOGY, INC.	2,947,327	GRIFFITH, HUGH	2,944,966
FLYNN, MICHAEL	2,947,433	GE ENERGY OIL FIELD		GROSSMAN, RONALD S.	2,947,458
FODOR, ANTHONY	2,947,962	TECHNOLOGY, INC.	2,947,950	GRUEEBLER, RETO	2,945,713
FOLDAX, INC.	2,947,846	GEA FOOD SOLUTIONS		GU, QU-MING	2,945,748
FOLLICUM AB	2,945,930	GERMANY GMBH	2,945,568	GUALA, GIANNI	2,947,389
FORBES, WILLIAM	2,947,962	GEFROH, EVA	2,947,887	GUERRA, KANANI	2,947,682
FORG, CHRISTIAN	2,945,905	GEISSLER COMPANIES, LLC	2,947,479	GUNN, HAROLD DAVID	2,947,631
FORREST INNOVATIONS LTD.	2,945,736	GELLINER LIMITED	2,946,244	GUPTA, VIVEK	2,947,495
FOSER, THOMAS	2,944,387	GENDREAU, STEVEN BRIAN	2,945,068	GUTERMAN, HUGO	2,947,609
FOSHEE, DAVID L.	2,947,955	GENERAL ELECTRIC		GUTMANN, JAMES L.	2,947,421
FOUDA, AHMED	2,947,364	COMPANY	2,944,490	HAAS, THOMAS	2,947,634
FOUNE, CATHERINE L.	2,944,334	GENERAL ELECTRIC		HAASE, ALEXANDRA M.	2,944,334
FOX, WILLIAM D.	2,946,726	COMPANY	2,947,692	HADDAD, YARIV	2,947,809
FOX-LYON, NICHOLAS	2,947,747	GEORG MARTIN GMBH	2,945,260	HADIDI, KAMAL	2,947,531
FRANCA, MARCOS P.	2,947,585	GEORGIA-PACIFIC		HAKENHOLT, CHRISTOPH	2,944,380
FRANCA, MARCOS P.	2,947,845	CHEMICALS LLC	2,947,882	HALLAM, EVAN A.	2,947,266
FRANK, GREGORY	2,947,887	GERGES, IHAB EDWARD	2,947,321	HALLIBURTON ENERGY	
FREESE, PAUL	2,947,747	GERLICH, MATTHIAS	2,944,544	SERVICES, INC.	2,947,259
FREY, GERHARD	2,947,605	GHANEM, JEAN	2,946,674	HALLIBURTON ENERGY	
FREY, STEVEN R.	2,947,401	GHOSH, JAGADISH C.	2,947,604	SERVICES, INC.	2,947,364
FRIEDMAN, LORI	2,945,068	GHOSHAL, SHAMIK	2,944,958	HALLIBURTON ENERGY	
FRIEZE, MARCIA A.	2,947,415	GIESECKE & DEVRIENT		SERVICES, INC.	2,947,397
FRIHAUF, JOHN	2,944,701	GMBH	2,946,337	HALLIBURTON ENERGY	
FRITO-LAY TRADING		GILLESPIE, DAVID T.	2,947,612	SERVICES, INC.	2,947,576
COMPANY GMBH	2,947,209	GILLESPIE, DAVID T.	2,947,744	HALLIBURTON ENERGY	
FRITO-LAY TRADING		GILMOUR, JASON	2,947,408	SERVICES, INC.	2,947,581
COMPANY GMBH	2,947,213	GISSCO COMPANY LIMITED	2,947,263	HALLIBURTON ENERGY	
FRITSCH, JULIEN	2,945,246	GIURGIU, GABRIEL IOAN	2,947,811	SERVICES, INC.	2,947,674
FRONTIER SCIENTIFIC, INC.	2,947,865	GLENN, ROBERT WAYNE, JR.	2,945,408	HALLIBURTON ENERGY	
FUGRO TECHNOLOGY B.V.	2,947,401	GLOBIG, MICHAEL	2,947,720	SERVICES, INC.	2,947,675
FUJIEDA, YUKA	2,947,827	GNAGI, ADRIAN	2,947,919	HALLIBURTON ENERGY	
FUJITA, MASAKI	2,947,821	GO, DONG KEUN	2,947,943	SERVICES, INC.	2,947,831
FUJITA, MASAKI	2,947,823	GO, DONG KEUN	2,947,945		

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HALLIBURTON ENERGY SERVICES, INC.	2,947,844	HIRABAYASHI, MITSUHIRO	2,947,549	ILLUMINA, INC.	2,947,426
HAMERSKY, MARK WILLIAM	2,945,408	HKAJURIA, CHITVAN	2,947,615	IMAMURA, JUNKO	2,947,399
HAMILTON, CRAIG JAMES	2,944,328	HOBBS, TERRY R.	2,945,321	IMMUNOGEN, INC.	2,947,602
HAMILTON, IAN	2,947,209	HOBBS, TERRY R.	2,945,322	INAGAKI, KOICHI	2,947,666
HAN, JIAN	2,947,324	HOCHBAUM, DANIEL	2,947,771	INDIANA UNIVERSITY	
HAN, SEUNGHEE	2,947,762	HOEK, ERIC M. V.	2,947,848	RESEARCH &	
HAN, SEUNGIL	2,944,475	HOFFMAN, STEPHEN L.	2,947,595	TECHNOLOGY	
HANLEY, DAVID C., SR.	2,947,486	HOGIUND, IISA	2,945,217	CORPORATION	2,947,838
HANSEN, CARL LARS		HOKAMA, TAKEO	2,945,766	INDUSTRIE BORLA S.P.A.	2,947,389
GENGHIS	2,947,320	HOLAND, WOLFRAM	2,944,409	INOUE, KANJI	2,947,821
HANSSON, MAGNUS JOAKIM	2,944,560	HOLLEY, JOHN MURDICK, JR.	2,947,296	INOUE, KANJI	2,947,823
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HARDY, THOMAS ANDREW	2,945,188	HOLTON, SIMON	2,944,370	MEDICALE)	2,945,880
HARIDAS, JAIDEN	2,946,674	HOMER, ALOIS	2,946,668	INSIGNIA HEALTH, LLC	2,947,964
HARRISON, ANDREW	2,946,005	HOMER, ALOIS	2,946,673	INSTITUT D'ENSEIGNEMENT	
HARRISON, DANIEL JEI	2,947,771	HONEYWELL		SUPERIEUR ET DE	
HARVEY, ROBERT	2,944,437	INTERNATIONAL INC.	2,947,458	RECHERCHE EN	
HASADA, YOKO	2,947,662	HONEYWELL		ALIMENTATION, SANTE	
HATHERILL, MARK A.	2,947,867	INTERNATIONAL INC.	2,947,477	ANIMALE, SCIENCES	
HATTORI, YASUNORI	2,947,403	HONEYWELL		AGRONOMIQUES ET DE	
HAYNES, ANDREW LEO	2,947,811	INTERNATIONAL INC.	2,947,965	L'ENVIRONNEMENT	
HE, WEI	2,947,338	HONG, SUNGRYONG	2,947,833	(VETAGRO SUP)	2,945,919
HEBNER, GREG	2,947,755	HOOL, KARI JUHANI	2,947,918	INSTITUT NATIONAL DE LA	
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HEISE, SCOTT E.	2,947,884	HORTICULTURE		SCIENTIFIQUE	2,947,207
HELLEPUTTE, THIHAULT	2,946,808	INNOVATION		INSTITUT NATIONAL DE LA	
HELMLINGER, DAVID	2,947,204	AUSTRALIA LIMITED	2,947,817	SANTE ET DE LA	
HENDEL, MATTHEW		HOTOVELY-SALOMON,		RECHERCHE MEDICALE	
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HEPWORTH, DAVID	2,944,475	HRITZ, JEFFREY	2,947,305	INSTITUTE FOR RESEARCH	
HERIOT WATT UNIVERSITY	2,947,207	HRITZ, JEFFREY	2,947,306	IN BIOMEDICINE	2,944,230
HERMANGE, FRANCOIS	2,944,272	HU, HAINING	2,947,329	INTEL CORPORATION	2,947,617
HEROLD, JOCHEN	2,944,591	HU, MIAO	2,945,941	INTEL IP CORPORATION	2,947,495
HERRIN, BRANTLEY R.	2,947,429	HU, YIMIN	2,943,889	INTEL IP CORPORATION	2,947,762
HERZOG, DONALD	2,947,734	HU, ZIPING	2,947,761	INTERACTIVE	
HESSLING, MARJORY ANN	2,947,777	HU, ZIPING	2,947,764	INTELLIGENCE, INC.	2,947,957
HEWIG, ARTHUR C., III	2,947,887	HUANG, HORNG-CHIH	2,944,475	INTERNATIONAL PAPER	
HEWITT, NEIL JAMES	2,944,385	HUANG, WEI	2,947,720	COMPANY	2,947,589
HEY, MARK	2,947,281	HUANG, XINWEI	2,947,848	INTERNATIONAL PAPER	
HEYRIES, KEVIN ALBERT	2,947,320	HUAWEI TECHNOLOGIES		COMPANY	2,947,591
HIBBS, BART DEAN	2,947,672	CO., LTD.	2,947,325	INTEROJO INC.	2,947,829
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AKTIENGESELLSCHAFT	2,945,243	IDCS CLINICA DE		IZUHARA, DAISUKE	2,947,827
HILTI		DIAGNOSTICOS		J.H. BEHER B.V.	2,944,536
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JAIN, PARAS P.	2,947,528	KEGNES, SOREN	2,945,409	LAKE PRODUCTS LIMITED	2,947,811
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JAIN, SATISH KUMAR	2,947,515	KEN AUTOMATION, INC.	2,947,666	LAMRAOUI, HAMID	2,947,783
JAIN, SATISH KUMAR	2,947,528	KENNEDY, ROBERT M.	2,944,334	LANDMARK GRAPHICS	
JAMISON, DALE E.	2,947,397	KENNEY, BENJAMIN A.	2,947,321	CORPORATION	2,947,251
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JAPAN OIL, GAS AND		KHAN, MIRAJUDDIN R.	2,944,154	LANZAVECCHIA, ANTONIO	2,944,230
METALS NATIONAL		KICZUN, MICHAEL	2,944,240	LARA, ANA	2,944,626
CORPORATION	2,947,662	KIELLAND, PETER J.	2,947,492	LARA, MARCELO A.	2,947,435
JAPAN TOBACCO INC.	2,947,261	KILLIAN, JESSICA	2,947,682	LARRIEU, DELPHINE	
JAPAN TOBACCO INC.	2,947,272	KIM, DEAHOON	2,947,552	LAURENCE DANIELE	2,944,286
JAWAHARLAL NEHRU		KIM, DONG YOUNG	2,943,973	LARSSON, BENGT I.	2,946,196
CENTRE FOR ADVANCED		KIM, JAE HYUN	2,947,552	LARUE, HUACHUN	2,947,163
SCIENTIFIC RESEARCH	2,944,763	KIM, JAYEON	2,946,559	LATHROP, RAY A.	2,947,530
JESTIN, YOANN	2,947,207	KIM, JAYEON	2,946,566	LAUSTSEN, MADS	2,944,269
JOANNEUM RESEARCH		KIM, JINWOONG	2,947,552	LAZAREV, PAVEL IVAN	2,947,983
FORSCHUNGSGESELLSCH		KIMOTO, MASANARI	2,947,399	LE GETTE, BRIAN	2,947,671
HAFT MBH	2,945,403	KIMOTO, MASANARI	2,947,534	LEE, ARTHUR	2,944,475
JOHANSSON, BENGT M	2,947,691	KIMOTO, MASANARI	2,947,535	LEE, BIT	2,947,838
JOHNSON, DAN A.	2,947,738	KING, JOSEPH FREDERICK	2,947,672	LEE, HAE-SEUNG	2,945,321
JOHNSON, DONALD A.	2,932,347	KISHBAUGH, ALAN	2,947,747	LEE, HAE-SEUNG	2,945,322
JOHNSON, JORDAN	2,947,472	KNAPMEYER, JAMES T.	2,945,368	LEE, HAN KYU	2,947,552
JOHNSON, KEVIN DOUGLAS	2,947,867	KNAPP, KENNETH D.	2,934,554	LEE, IN JU	2,943,973
JOHNSON, MICHAEL H.	2,947,680	KNOOP, FRANK	2,943,572	LEE, JANGWON	2,947,833
JOHNSTON, BURNETT	2,947,775	KNOPPERS, GERMAN		LEE, KATHERINE LIN	2,944,475
JOHNSTON, SIMON	2,947,300	ENRIQUE	2,947,401	LEE, KYU HWAN	2,947,552
JULI, STEFAN	2,945,905	KO, WOOSUK	2,947,833	LEE, SOO CHANG	2,947,829
JURZAK, PAWEL	2,947,406	KOAL, THERESE	2,944,389	LEE, WINGKI	2,947,743
JX NIPPON OIL & ENERGY		KOBAYASHI, SATOSHI	2,947,525	LEHTIPUU, JUHANA TUOMAS	2,944,098
CORPORATION	2,947,393	KOGA, SATOMI	2,947,409	LEHTOVIRTA, VESA	2,947,371
K-FEE SYSTEM GMBH	2,945,550	KOJIMA, SATOMI	2,947,941	LEITCH, JAMES	2,947,909
KADOWAKI, KOJI	2,947,821	KOK, DOUWE-MARTEN	2,945,231	LEJEUNE, MARK	2,947,735
KADOWAKI, KOJI	2,947,823	KOLATCH, BRENDA	2,947,291	LEONARD, ERICH	2,947,834
KAGAWA, TAKU	2,947,399	KOLCZEWSKI, SABINE	2,943,882	LEVERETTE, STEVEN JOHN	2,947,730
KAIKKONEN, JORMA		KONDO, AKIHIKO	2,947,941	LEVI, NICOLE HOPE	2,945,159
JOHANNES	2,947,953	KOSEKI, KOICHI	2,947,525	LEVIN, ITAY	2,947,255
KAISER, WILLIAM	2,947,476	KOVTUN, YELENA	2,947,602	LG ELECTRONICS INC.	2,947,833
KALEYTA, SCOTT R.	2,947,612	KRAFT FOODS R & D, INC.	2,945,722	LI, CHENGBO	2,947,678
KALEYTA, SCOTT R.	2,947,733	KRATZER, TIMO	2,946,957	LI, HUARONG	2,947,615
KALIN, CANDICE	2,947,711	KRAUS, MICHAEL	2,944,050	LI, JIA	2,947,912
KANER, RICHARD B.	2,947,848	KRETZLER, RANDAL SCOTT	2,946,196	LI, JING	2,947,827
KANEVSKY, ALEX	2,947,410	KREUZ, KLAUS	2,944,277	LI, MIN	2,947,329
KANG, YONGFENG	2,947,251	KRILIVSKY, MICHAEL	2,947,280	LI, VOLKHART MIN-JIAN	2,944,370
KANNAR, DAVID	2,947,308	KROLIKOWSKI, SEBASTIAN	2,944,409	LI, WEI	2,938,829
KANTER, MONIKA	2,947,486	KRUGER, MARC	2,945,550	LI, YANMEI	2,947,844
KAPLANCZYK, MATTHEW		KUDIRKA, ROMAS ALVYDAS	2,947,484	LIEBER, ANDRE	2,947,466
M.	2,947,884	KUES, JAN-BERND	2,947,633	LIENAU, PHILIP	2,944,370
KAPER, FIONA	2,947,426	KUMAR, AJAY	2,944,315	LILJESTROM, GORAN	2,947,691
KAPLAN, SAM T.	2,947,678	KUMAR, ASHISH	2,947,515	LILLANDT, MARCUS	2,944,426
KAPPLES, LAWRENCE J.	2,944,740	KUMAR, ASHISH	2,947,528	LIMBERG, ANJA	2,943,882
KARABACAK, DEVREZ		KUSENER, SIMONE	2,947,633	LIN, GUAN YU	2,947,617
MEHMET	2,947,401	KUTAY, BENJAMIN JOHN	2,945,408	LIN, JANICE	2,946,406
KARPEN, GARY	2,947,640	KWON, HWAN-JOON	2,947,762	LINTER, BRUCE	2,947,209
KARRER WALKER, RETO	2,946,085	KYOWA HAKKO BIO CO.,		LINTER, BRUCE	2,947,213
KASAHARA, JUNZO	2,947,662	LTD.	2,947,252	LIU, HAN	2,947,884

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LIU, NINGSHU	2,944,370	MARTIN, CHRISTOPH	2,945,260	MESOBLAST	
LIU, ZHENGCHUN	2,947,251	MARTINEZ, EDUARDO J.	2,947,425	INTERNATIONAL SARL	2,944,262
LOCKHEED MARTIN		MARTINU, LUDVIK	2,947,115	METALOGENIA RESEARCH &	
CORPORATION	2,947,884	MASAKI, TAKESHI	2,947,525	TECHNOLOGIES S.L.	2,947,342
LOEHR, JOHN D.	2,947,679	MASAKI, TAKESHI	2,947,529	METTU, ANILKUMAR	2,944,315
LOKHOV, SERGEY G.	2,944,155	MASAKI, YASUHIRO	2,947,399	MEULBLOK, BASTIAAN	2,947,401
LOKHOV, SERGEY G.	2,944,319	MASON, NICOLA	2,947,677	MEWIS, GEORGIA	
LOOK, DAVID M.	2,947,758	MASSACHUSETTS EYE AND		ELIZABETH	2,947,320
LOTURCO, EDSON		EAR INFIRMARY	2,947,295	MEYER, KENT S.	2,947,679
GUIMARAES	2,944,389	MASSE, VINCENT	2,947,773	MICHE, LUCIE	2,945,919
LOVERING, FRANK		MASSEY, BILL	2,947,755	MICHEL, GEORG	2,946,957
ELDRIDGE	2,944,475	MASSEY, DANIEL LEE	2,944,031	MICROSOFT TECHNOLOGY	
LOWE, MICHAEL DENNIS	2,944,475	MASTER FLO VALVE INC.	2,947,311	LICENSING, LLC	2,944,031
LOWE, MICHAEL W.	2,947,885	MASTERCARD		MICROSOFT TECHNOLOGY	
LOY, MITCH	2,945,515	INTERNATIONAL		LICENSING, LLC	2,946,646
LOYALTY BASED		INCORPORATED	2,947,281	MICROSOFT TECHNOLOGY	
INNOVATIONS, LLC	2,947,637	MATHIAS, JOHN PAUL	2,944,475	LICENSING, LLC	2,946,674
LUAN, WENQI	2,945,942	MATOKI HOLDINGS LIMITED	2,947,390	MICULKA, CHRISTIAN	2,945,766
LUND, KEVIN PATRICK	2,944,155	MATSUI, KEISUKE	2,947,540	MIELBY, JERRIK JORGEN	2,945,409
LUND, KEVIN PATRICK	2,944,319	MATSUMURA, TOMIO	2,947,525	MIKLITARIAN, ALAIN	2,947,384
LUNDIN, TOM	2,944,426	MATSUSHITA, TAKAMICHI	2,947,689	MILAN, SANDRA	2,945,068
LUNTTILA, TIMO ERKKI	2,947,918	MATVIENKO, VICTOR	2,945,198	MILLER, EUGENE EDWARD	2,947,314
LUO, GUANGLIN	2,944,466	MATVIENKO, IAROSLAV	2,945,198	MILLER, GARY	2,947,204
LUO, MINGXIANG	2,945,748	MAURER, MARC	2,945,561	MILLER, JONATHAN	2,946,645
LUSVARDI, KATE MARRITT	2,945,748	MAZHOROVA, ANNA	2,947,207	MILLER, MARK	2,947,327
LUTZ, ROBERT J.	2,947,602	MCCAFFERTY, JOHN	2,947,513	MILLER, MARK	2,947,950
LYCERA CORPORATION	2,947,290	MCCALL, CHARLES E., JR.	2,947,955	MIN, ALEXANDER W.	2,947,617
LYNCH, MATTHEW		MCCARTY II, DONALD L.	2,947,744	MISONIX, INCORPORATED	2,947,279
LAWRENCE	2,945,408	MCCARTY, DONALD L., II	2,947,612	MITCHELL, JAMES BRIAN	2,944,271
LYNX SYSTEM DEVELOPERS,		MCCARTY, DONALD L., II	2,947,733	MITSUBISHI HEAVY	
INC.	2,947,266	MCCOLPIN, GLENN ROBERT	2,947,581	INDUSTRIES, LTD.	2,947,254
MACDONALD, CRAIG	2,947,327	MCCOLPIN, GLENN ROBERT	2,947,674	MITSUBISHI DIAMOND	
MACDONALD, CRAIG	2,947,950	MCDANIEL, CATO R.	2,947,397	INDUSTRIAL CO., LTD.	2,947,657
MACK RIDES GMBH & CO.		MCDANIEL, CATO RUSSELL	2,947,843	MIYAZAKI, YUHAN	2,947,657
KG	2,944,050	MCEACHERN, MATHEW J.	2,947,844	MIYOSHI, RISHO	2,947,404
MACNEILL, CHRISTOPHER		MCFARLAND, JESSE M.	2,947,484	MONROE, DAVID A.	2,946,726
MICHAEL	2,945,159	MCGINNIS, SEAN	2,947,865	MONSANTO TECHNOLOGY	
MACOR, JOHN E.	2,944,466	MCKNIGHT, GARY DAVID	2,947,740	LLC	2,947,163
MACQUEEN, PETER GRAHAM		MCMANNON, BART	2,944,532	MONTANA HYDRAULICS,	
RICHARD	2,945,722	MCNEELY, TESSIE BROWN	2,944,495	LLC	2,947,753
MAHAJAN, AMAN	2,947,476	MCNEILL-MCCALLUM,		MOON, KYOUNGSOO	2,947,833
MAHANTHAPPA, NAGESH K.	2,947,967	DUNCAN	2,944,096	MOORE, GREGORY	2,943,621
MAHENDRA, SHAILY	2,947,848	MCNEILL-MCCALLUM,		MOOSAI, SHIVA	2,947,265
MAHONEY, ELIXON R.	2,947,964	EMMA	2,944,096	MORANDOTTI, ROBERTO	2,947,207
MAHONEY, JOSEPH M.	2,945,748	MCS MANUFACTURING, LLC	2,947,668	MORASH, DANIEL M.	2,947,735
MAJOR, JULIA	2,944,277	MCVERRY, BRIAN T.	2,947,848	MORITA, MASAHICO	2,947,252
MAKARYCHEV-MIKHAILOV,		MECFEL-MARCZEWSKI,		MORLO GESELLSCHAFT MIT	
SERGEY	2,947,743	JOANNA	2,944,701	BESCHRANKTER	
MALCOLM, GRAEME PETER		MEDICINAL CHEMISTRY		HAFTUNG	2,945,613
ALEXANDER	2,944,328	PHARMACEUTICALS,		MORRIS, MARY LOU	2,945,321
MALLABY, MARK	2,947,758	CO., LTD.	2,947,404	MORRIS, MARY LOU	2,945,322
MALONE, THOMAS	2,933,483	MEDLINE INDUSTRIES, INC.	2,947,855	MORRISON, BRIAN D.	2,947,422
MALVEDA UMALI, ANNA	2,945,766	MEHTA, PRANAV	2,947,458	MORROW, CHRISTOPHER	
MANDEL, ARKADY	2,947,392	MEIJER, BART	2,947,477	CHARLES	2,947,811
MANDVIWALA, TASNEEM A.	2,947,364	MENDEZ, PATRICK	2,947,588	MOSHER, CHARLES C.	2,947,678
MANUFACTURING		MENDON, SHARATHKUMAR		MOSKAL, JOSEPH R.	2,947,976
RESOURCES		K.	2,934,554	MOSS, STEVEN	2,944,560
INTERNATIONAL, INC.	2,947,524	MENG, CHARLES	2,945,766	MOSTOLLER, MATTHEW	
MANZ, MARKUS	2,947,309	MERCHANT, TEJAL	2,947,958	EDWARD	2,947,745
MAO, JIAN-HUA	2,947,640	MERIAL, INC.	2,945,766	MOTHERAM, RAJESHWAR	2,947,486
MAORI, EYAL	2,945,736	MERMET	2,945,911	MOTOROLA SOLUTIONS, INC.	2,947,324
MARS, INCORPORATED	2,945,049			MOTOROLA SOLUTIONS, INC.	2,947,406

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SIDHARTHADDEV	2,947,672	NORCROSS, ROGER	2,943,889	OSHIMA, MASAHIRO	2,947,535
MULET, XAVIER	2,947,308	NORDSTROEM, LARS		OVD KINEGRAM AG	2,946,085
MULLANE, TIMOTHY IAN	2,945,368	FREDRIK	2,945,205	PALDI, NITZAN	2,945,736
MULLER, MANUEL	2,947,375	NORMAN, MORGAN S.	2,946,646	PALMER, CHRISTOPHER	2,945,766
MULLINS, DAVID W.	2,947,631	NORRMAN, KARL	2,947,371	PAN, NIENGYI	2,947,325
MULTISHOWER GB LIMITED	2,945,235	NORTHWESTERN		PAPAIOANNOU, NIKOLAOS	2,944,475
MUNCHKIN, INC.	2,947,867	UNIVERSITY	2,947,976	PAPATHANASSIOU,	
MUNDIGL, OLAF	2,944,402	NORTON, IAN	2,947,209	APOSTOLOS	2,947,762
MUNK, THOMAS	2,943,572	NORTON, IAN	2,947,213	PAPAYANNOPOULOU,	
MUNZENBERGER, HERBERT	2,945,243	NOTH, ANDRE	2,945,651	THALIA	2,947,466
MUNZENBERGER, HERBERT	2,945,870	NOVAES, MARCIO		PAPOYAN, ASHOT	2,947,732
MURPHY, ANDREW J.	2,947,309	FERNANDES	2,944,385	PARHAM, MICHAEL	2,947,416
NAKANO, TAKUMA	2,947,261	NOVARTIS AG	2,945,077	PARIJ, GERRY	2,944,272
NAKANO, TAKUMA	2,947,272	NOVARTIS AG	2,945,713	PARKER, DAVID BRUCE	2,947,740
NAKAO, SEIICHIRO	2,947,534	NOVARTIS AG	2,947,626	PARKS, WILLIAM MARTIN	2,947,672
NAKAO, SEIICHIRO	2,947,535	NOVARTIS AG	2,947,628	PARSONS, THOMAS J.	2,947,612
NAN, FAJUN	2,947,329	NOVINTETHICAL PHARMA		PARSONS, THOMAS J.	2,947,733
NAN, FAJUN	2,947,912	SA	2,945,631	PARTHIBAN, KOTHAI	2,947,513
NARAYANASWAMY,		NOVOMATIC AG	2,946,668	PASINI, DAMIANO	2,947,775
NAGARJUN	2,944,763	NOVOMATIC AG	2,946,673	PATEL, SANJIV	2,947,244
NARUCHI, KENTARO	2,947,404	NOVOZYMES A/S	2,945,195	PATERSON, YVONNE	2,947,677
NARVA, KENNETH E.	2,947,615	NOWAK, GERD	2,946,957	PATNY, AKSHAY	2,944,475
NATESAIYER, KUMAR C.	2,945,532	NUCANA BIOMED LIMITED	2,944,966	PATTON, THOMAS	2,947,390
NATIONAL OILWELL VARCO,		NUCLEUS SCIENTIFIC, INC.	2,944,552	PAULETTI, JOSE	2,947,408
L.P.	2,946,598	O'CONNELL, DANIEL NEIL	2,947,879	PAULINI, RALPH	2,945,766
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NEC PLATFORMS, LTD.	2,947,409	OBRIST CLOSURES		PENLEY, JASON	2,947,596
NEGRINI, ROBERTO	2,945,708	SWITZERLAND GMBH	2,944,538	PEREIRA, ALVARO	2,946,808
NESTEC S.A.	2,945,651	ODINK, GERRIT JAN	2,945,231	PEREZ GARCIA, JUAN	
NEUROHR, ANSELM JAKOB	2,947,773	OETIKER SCHWEIZ AG	2,947,375	BAUTISTA	2,944,611
NEUROVIVE		OH, JAE WOOK	2,947,551	PEREZ SORIA, FRANCISCO	2,947,342
PHARMACEUTICAL AB	2,944,560	OH, KYUNG HEE	2,947,829	PEREZ, LAURENT	2,944,230
NEW YORK AIR BRAKE, LLC	2,947,834	OH, SEJIN	2,947,833	PERKINS, RAYMOND	
NEWTON, TREVOR WILLIAM	2,944,277	OHMER, HERVE	2,947,596	PATRICK	2,947,740
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NIWEOHNER, JENS	2,944,402	OKAMOTO, JUNICHI	2,947,403	PETIT, ROBERT	2,947,358
NIJAR, TARLOCHAN S.	2,944,402	OKITSU, NAKO	2,947,540	PETTY, KRISTA	2,947,887
NILSSON, ANNA		OLCOTT, DENNIS D.	2,947,974	PFIZER INC.	2,944,475
HULTGARDH	2,945,930	OLIVARES, SIMON	2,945,388	PFLIEGER, PHILIPPE	2,943,889
NIPPON FILCON CO., LTD	2,942,562	OLIVEIRA, MARLOS G.	2,947,585	PHOTOSONIX MEDICAL, INC.	2,944,495
NIPPON STEEL & SUMITOMO		OLIVEIRA, MARLOS G.	2,947,845	PI, XIAOPING	2,947,329
METAL CORPORATION	2,947,399	OLSON, WILLIAM A.	2,946,726	PIEL, BRIAN	2,947,281
NIPPON STEEL & SUMITOMO		OLYNYK, NYLA MANSFIELD	2,947,319	PIERCE, BETSY SUSAN	2,944,475
METAL CORPORATION	2,947,534	OMICRON ELECTRONICS		PISSOT SOLDERMANN,	
NIPPON STEEL & SUMITOMO		GMBH	2,947,094	CAROLE	2,945,077
METAL CORPORATION	2,947,535	OMYA INTERNATIONAL AG	2,944,098	PITARD, BRUNO	2,944,128
NIPPON STEEL & SUMITOMO		OMYA INTERNATIONAL AG	2,945,561	PLACHETA, EVA	2,947,778
METAL CORPORATION	2,947,536	ONCOETHIX GMBH	2,947,593	PLUSH, JAMES ROBERT	2,947,763
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NISHIMURA, SHINICHIRO	2,947,404	OPTICA AMUKA (A.A.) LTD.	2,947,809	POTIGNON, JEAN-FRANCOIS	2,945,651
NISHIMURA, SUZUSHII	2,947,393	ORION CORPORATION	2,945,217	POTTKER, GUSTAVO	2,947,965
NISSHIN STEEL CO., LTD.	2,947,403	ORPHOMED, INC.	2,945,181	POTYRAILO, RADISLAV	
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NOEL, KAY	2,947,601	ORTMANN, NATHAN		TECHNOLOGY LLC	2,945,142
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PROBE HOLDINGS, INC.	2,947,596	RHEE, JAEKEOL	2,947,552	SANDVIK INTELLECTUAL PROPERTY AB	2,945,648
PROCAFFE S.P.A.	2,947,493	RIBBLE, GEORGE W.	2,947,314	SANGAMO BIOSCIENCES, INC.	2,947,622
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PULIDO, FRANCISCO L.		RICICOVA, MARKETA	2,947,320	SARRIA, RODRIGO	2,947,612
AMPARO	2,947,295	RIDGE, ANDREW	2,947,661	SARRIA, RODRIGO	2,947,733
PULLEN, KENT L.	2,947,676	RIEIRO ALVES, ROBERTO	2,947,485	SARRIA, RODRIGO	2,947,744
PY, DANIEL	2,947,759	RIO VERWALTUNGS AG	2,947,370	SASHIMA, TOKUTAKE	2,947,657
QIN, ZHONGBIN	2,947,780	RITTER, MATTHEW S.	2,945,368	SATO, MASAHARU	2,947,404
QU BIOLOGICS INC.	2,947,631	RITZBERGER, CHRISTIAN	2,944,409	SATO, MASANORI	2,947,537
QUALCOMM INCORPORATED	2,944,874	RIVEIRO, MARIA E.	2,947,601	SAUDI ARABIAN OIL COMPANY	2,944,154
QUALCOMM INCORPORATED	2,944,901	ROBINSON, BRANDON	2,947,755	SAWANT, KAILAS B.	2,932,347
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RAMPF COMPOSITE SOLUTIONS INC.	2,947,206	RONCK, BENJAMIN T.	2,947,764	SCHILLING, ANDREAS	2,946,085
RAMPF COMPOSITE SOLUTIONS INC.	2,947,423	ROOS, TILMANN	2,945,629	SCHILAGE LOCK COMPANY LLC	2,947,755
RAMPF, MARKUS	2,944,409	ROSATI, RODRIGO	2,945,368	SCHILAPBACH, ACHIM	2,945,077
RANGA, RADU	2,946,646	ROSENTHAL, JOSEPH	2,947,419	SCHILUMBERGER CANADA LIMITED	2,947,743
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RANGASAMY, MURUGESAN	2,947,615	ROTATION MEDICAL, INC.	2,945,821	SCHMIDDEGG, KLAUS	2,945,403
RANJAN, PRIYESH	2,947,576	ROUET, PHILIPPE	2,945,880	SCHMIDT, GREGORY	2,945,872
RANJAN, PRIYESH	2,947,581	ROY, POULAMI SENGUPTA	2,944,958	SCHMIDT, RALF	2,945,875
RANJAN, PRIYESH	2,947,675	RUBINSON, EMILY H.	2,947,667	SCHMIDT, VOLKER	2,945,403
RANJAN, PRIYESH	2,947,842	RUSTOGI, ANUBHAV	2,944,958	SCHMITT, THOMAS	2,947,115
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RAYBORN, RANDALL LINWOOD	2,947,740	SABATINI, DAVID M.	2,947,859	SCHROEDER, TIMOTHY PAUL	2,944,532
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REDMOND, MICHELE EMILY	2,947,930	SAIAH, EDDINE	2,944,475	SCHULZ, VALENTIN	2,944,272
REDWOOD BIOSCIENCE, INC.	2,947,484	SAINT-GOBAIN GLASS FRANCE	2,944,272	SCHUMACHER, HEINRICH GUNTER	2,945,875
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MARIUSZ	2,947,406	WOLFLE, INGRID	2,945,870	ZIMMER, INC.	2,947,773
WATKINS, KEN	2,947,637	WOOD, EDWARD T.	2,947,680	ZIMMERMAN, STEVE	2,947,707
WATSON, RICHARD	2,947,213	WORDEN, SARAH E.	2,947,615	ZOLLER, DANIEL	2,945,905
WAYE, ANDREW	2,945,204	WORRELL, BARRY C.	2,946,726	ZOLLER, THOMAS	2,945,077
WAYNE FUELING SYSTEMS		WRIGHT, STEPHEN WAYNE	2,944,475	ZOU, PENG	2,947,771
LLC	2,946,196	WU, JIESHENG	2,946,674		
WEATHERFORD		WU, TING-HSIANG	2,947,539		
TECHNOLOGY		WURSTER, JULIE	2,933,483		
HOLDINGS, LLC	2,946,005	WYBENGA, WILLIAM	2,947,316		
WEBER, PATRICK	2,944,272	XENCOR, INC.	2,943,621		
WEBER, PATRICK	2,944,275	XIE, XIN	2,947,912		
WEERTS, F.M.J.	2,944,536	XTI AIRCRAFT COMPANY	2,947,974		
WEISENBURGH, WILLIAM B.,		XU, HAIYAN	2,947,329		
II	2,946,726	XU, WEI	2,947,740		
WEISS, AVITAL	2,945,736	XU, YUFENG	2,944,877		
WELCH, MARK ALAN	2,947,853	XU, YUFENG	2,945,942		
WELLENBERG, PETRUS		YADIN, YOAV	2,947,809		
HENRICUS MARINUS	2,945,655	YAGI, TAKAHIRO	2,947,821		
WELGAUGE, INC.	2,947,598	YAGI, TAKAHIRO	2,947,823		
WESTERN WASHINGTON		YAHALOM, SAAR	2,944,031		
UNIVERSITY	2,947,502	YAJURE, EDGAR FERNANDO	2,946,735		
WESTFAHL, JUSTIN	2,947,909	YALE UNIVERSITY	2,947,309		
WESTINGHOUSE AIR BRAKE		YAMADA, KIKUO	2,935,070		
TECHNOLOGIES		YAMADA, MANABU	2,947,261		
CORPORATION	2,947,305	YAMADA, MANABU	2,947,272		
WESTINGHOUSE AIR BRAKE		YAMAGUCHI, DAISUKE	2,947,534		
TECHNOLOGIES		YAMAGUCHI, DAISUKE	2,947,535		
CORPORATION	2,947,306	YAMAMOTO, KOJI	2,947,657		
WHIPPLE, STEPHEN VINCENT	2,947,598	YAMAMOTO, TATSUYA	2,947,534		
WHITAKER, BRUCE	2,947,273	YAMAMOTO, TATSUYA	2,947,535		
WHITAKER, TODD	2,947,472	YAMAMOTO, YUKI	2,947,549		
WHITEHEAD INSTITUTE FOR		YAMANAKA, AKIHIRO	2,947,828		
BIOMEDICAL RESEARCH	2,947,859	YANA MOTTA, SAMUEL F.	2,947,965		
WHITEMAN, KATHLEEN R.	2,947,602	YANG, JAE GU	2,947,551		
WHITFIELD, GEORGE C.	2,944,552	YANG, JAI YOUL	2,947,551		
WIDRIG, MARKUS	2,947,375	YANG, JI SUK	2,947,551		
WIEBE, JOERG	2,947,206	YANG, JIN	2,947,552		
WIEBE, JOERG	2,947,423	YANG, YUNSONG	2,947,827		
WIEGERS, RONALD	2,945,353	YANG, ZEHUI	2,947,740		
WIERSEMA, JACOB	2,945,283	YE, XIANGNAN	2,947,397		
WILDERMUTH, ANKE	2,944,380	YORK, MICHAEL	2,947,204		
WILKES, KENNETH R.	2,947,585	YOSHIMI, NAOHISA	2,944,157		
WILKES, KENNETH R.	2,947,845	YU, LINGFENG	2,947,626		
WILKINSON, KEVIN	2,947,421	YUAN, SAM	2,934,554		
WILLIAMS, GEN	2,946,646	YURGELUN-TODD, DEBORAH	2,947,252		
WILLIAMS, JEFFREY C.	2,947,761	ZABEIDA, OLEG	2,947,115		
WILLIAMS, JEFFREY C.	2,947,764	ZABUDKIN, ALEXANDER	2,945,198		
WILLIAMSON, GREGORY D.	2,947,281	ZACHIEK, MATTHEW	2,946,549		
WILLMAN, JOANNE		ZAGO, WAGNER	2,944,402		
ROBERTA	2,945,408	ZAPF, CHRISTOPH			
WILSON, GLENN A.	2,947,364	WOLFGANG	2,944,475		
WILSON, GRAHAM PETER	2,947,416	ZEENAR ENTERPRISES PTY			
WILSON, ROBERT SAMUEL	2,944,964	LTD	2,947,308		
WILSON, TOM	2,947,738	ZENZ-OLSON, NATHANIEL	2,945,821		
WINDBIDCO PTY LTD	2,947,312	ZERO CHROMA, LLC	2,947,671		
WISE, ALAN	2,944,240	ZHANG, KUN	2,947,840		
WISHNEY, ADAM	2,943,973	ZHANG, WEIGUO	2,947,640		
WISMER, JOHN A.	2,947,411	ZHANG, YANGMING	2,947,329		
WISNIEWSKI-DYE,		ZHANG, YANGMING	2,947,912		
FLORENCE	2,945,919	ZHAO, YONGXIN	2,947,771		
WOBLEN PROPERTIES GMBH	2,943,572				

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ALI, ZEINAB	2,947,211	KASAHARA, AKIRA	2,947,247	THORDARSON, GUNNAR T.	2,945,366
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FOREVER YOUNG INTERNATIONAL, INC.	2,947,592	NICKERSON, TYLER W.	2,947,225		
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HAN, IL-WOOK	2,947,569	PATRON, ANTHONY	2,945,556		
HAN, IL-WOOK	2,947,571	PENROD, JASON BLAKE	2,947,710		
HARRIS, SCOTT M.	2,947,349	POSCO	2,947,569		
HAWKINS, ROBERT D.	2,945,828	POSCO	2,947,571		
HELIX BIOMEDIX INC.	2,947,349	POTOCKI-VERONESE, GABRIELLE	2,947,729		
INSTITUT NATIONAL DE RECHERCHE AGRONOMIQUE	2,947,729	PROCESS SOLUTIONS, INC.	2,945,366		
INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE	2,947,729	REIMANN, ROBERT	2,947,275		
		REMAUD-SIMEON, MAGALI	2,947,729		
		RINALDI, VINCENT	2,947,211		
		RIVARD, DENNIS L.	2,947,225		
		ROBERTSON, JAMES C.	2,945,366		
		ROVI GUIDES, INC.	2,946,776		
		SANFORD, RANDALL	2,940,940		
		SAVARINO, CHRISTOPHER J.	2,945,556		
		SID IP HOLDINGS, LLC	2,946,628		
		SIMMONS, BRENT A.	2,945,366		
		SONOS, INC.	2,947,275		
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		STOKELY-VAN CAMP, INC.	2,947,211		
		STUDENT, JOERG	2,945,556		
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